

ANNEX 3 - CGIAR PEER-REVIEWED PUBLICATIONS IN 2018

CRP	AUTHOR	TITLE	JOURNAL TITLE	OA	ISI	DOI
A4NH	Jaramillo A.M., Londoño L.F., Orozco J.C., Patiño G., Belalcázar J., Davrieux F., Talsma E.F.	A comparison study of five different methods to measure carotenoids in biofortified yellow cassava (<i>Manihot esculenta</i>)	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0209702
A4NH	Sara Ahlberg, Delia Grace, Gideon Kiarie, Yumi Kirino and Johanna Lindahl	A Risk Assessment of Aflatoxin M1 Exposure in Low- and Mid--Income Dairy Consumers in Kenya	Toxins	Yes	Yes	https://doi.org/10.3390/toxins10090348
A4NH	Gladys Anyango, Florence Mutua, Irene Kagera, Pauline Andang'O, Delia Grace & Johanna F. Lindahl	A survey of aflatoxin M1 contamination in raw milk produced in urban and peri-urban areas of Kisumu County, Kenya	Infection Ecology and Epidemiology	Yes	Yes	https://doi.org/10.1080/20008686.2018.1547094
A4NH	Johanna Frida Lindahl, I. N. Kagera, D. Grace	Aflatoxin M1 levels in different marketed milk products in Nairobi, Kenya	Mycotoxin Research	Yes	Yes	https://doi.org/10.1007/s12550-018-0323-4
A4NH	Cakmak, Ismail; Kutman, Umit Baris	Agronomic biofortification of cereals with zinc: a review	European Journal of Soil Science	Yes	Yes	https://doi.org/10.1111/ejss.12437
A4NH	Beesabathuni, Kalpana; Morris, Saul Sutkover; Headey, Derek D.	An egg for everyone: Pathways to universal access to one of nature's most nutritious foods	Maternal & Child Nutrition	Yes	Yes	https://doi.org/10.1111/mcn.12679
A4NH	Johanna F.Lindahl, Ram Pratim Deka, David Melin, Anna Berg, Hanna Lundén, M. Lucila Lapar, Rainer Asse, Delia Grace	An inclusive and participatory approach to changing policies and practices for improved milk safety in Assam, northeast India	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.03.002
A4NH	Headey, Derek; Hoddinott, John; Hirvonen, Kalle	Animal Sourced Foods and Child Stunting	American Journal of Agricultural Economics	Yes	Yes	https://doi.org/10.1093/ajae/aya053
A4NH	Manish Kakkur, Pranab Chatterjee, Abhimanyu Singh Chauhan, Delia Grace, Johanna Lindahl, Arlyne Beeche, Fang Jing & Suwit Chotinan	Antimicrobial resistance in South East Asia: time to ask the right questions	Global Health Action	Yes	Yes	https://doi.org/10.1080/16549716.2018.1483637
A4NH	Dishon Muloi, Melissa J. Ward, Amy B. Pedersen, Eric M. Fèvre, Mark E.J. Woolhouse, and Bram A.D. van Bunnik	Are Food Animals Responsible for Transfer of Antimicrobial-Resistant <i>Escherichia coli</i> or Their Resistance Determinants to Human Populations? A Systematic Review	Foodborne Pathogens & Disease	Yes	Yes	https://doi.org/10.1089/fpd.2017.2411
A4NH	S.G.Traoré, G.Fokou, A.P.N.Ndour, B.Yougbare, P.Koné, S.Alonso, K.Roesel, S.N.Bakou, D.Daob, D.Grace, B.Bonfoh	Assessing knowledge, beliefs and practices related to the consumption of sheep and goat meat in Senegal	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.10.001
A4NH	Mahmoud Eltholth. Kimberly Fornace, Delia Grace. Jonathan Rushton, Barbara Häsler	Assessing the chemical and microbiological quality of farmed tilapia in Egyptian fresh fish markets	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.03.003
A4NH	B. Bett, J. Lindahl, R. Sang, M. Wainaina, S. Kairu-Wanyoike, S. Bukachi, I. Njeru, J. Karanja, E. Ontiri, M. Kariuki Njenga, D. Wright, G. M. Warimwe and D. Grace	Association between Rift Valley fever virus seroprevalences in livestock and humans and their respective intra-cluster correlation coefficients, Tana River County, Kenya	Epidemiology & Infection	Yes	Yes	https://doi.org/10.1017/s0950268818003242
A4NH	Silvia Alonso, Emmanuel Muunda, Sara Ahlberg, Emma Blackmore, Delia Grace	Beyond food safety: Socio-economic effects of training informal dairy vendors in Kenya	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.08.006
A4NH	Kumar, Neha; de Brauw, Alan; Gilligan, Daniel; Hotz, Christine; Eozenou, Patrick; Meenakshi, J.V.	Biofortification, Crop Adoption and Health Information: Impact Pathways in Mozambique and Uganda	American Journal of Agricultural Economics	Yes	Yes	https://doi.org/10.1093/ajae/aya005

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A4NH	Ram Pratim Deka, Ulf Magnusson, Delia Grace & Johanna Lindahl	Bovine brucellosis: prevalence, risk factors, economic cost and control options with particular reference to India- a review	Infection Ecology and Epidemiology	Yes	Yes	https://doi.org/10.1080/20008686.2018.1556548
A4NH	Shingo Asakura, George Makingi, Rudovick Kazwala, Kohei Makita	Brucellosis Risk in Urban and Agro-pastoral Areas in Tanzania	EcoHealth	No	Yes	https://doi.org/10.1007/s10393-017-1308-z
A4NH	Carron M, Chang Y-M, Momanyi K, Akoko J, Kiiru J, Bettridge J, et al.	Campylobacter, a zoonotic pathogen of global importance: Prevalence and risk factors in the fast-evolving chicken meat system of Nairobi, Kenya	PLoS Neglected Tropical Diseases	Yes	Yes	https://doi.org/10.1371/journal.pntd.0006658
A4NH	Oduor, F. O., Boedecker, J., Kennedy, G., Mituki-Mungiria, D., & Termote, C.	Caregivers' nutritional knowledge and attitudes mediate seasonal shifts in children's diets	Maternal & Child Nutrition	Yes	Yes	https://doi.org/10.1111/mcn.12633
A4NH	Geere J.-A., Bartram J., Bates L., Danquah L., Evans B., Fisher M.B., Groce N., Majuru B., Mokoena M.M., Mukhola M.S., Nguyen-Viet H., Duc P.P., Williams A.R., Schmidt W.-P., Hunter P.R.	Carrying water may be a major contributor to disability from musculoskeletal disorders in low income countries: a cross-sectional survey in South Africa, Ghana and Vietnam	Journal of Global Health	Yes	Yes	https://doi.org/10.7189/jogh.08.010406
A4NH	Kujinga P., Borgonjen-van den Berg K.J., Superchi C., ten Hove H.J., Onyango E.O., Andang'o P., Galetti V., Zimmerman M.B., Moretti D., Brouwer I.D.	Combining food-based dietary recommendations using Optifood with zinc-fortified water potentially improves nutrient adequacy among 4- to 6-year-old children in Kisumu West district, Kenya	Maternal & Child Nutrition	No	Yes	https://doi.org/10.1111/mcn.12515
A4NH	Quoc Toan Luu, Mai Huong Nguyen, Hung Nguyen-Viet, Giang Pham, Tung Dinh-Xuan, MacDonald, L.E. and Phuc Pham-Duc	Community Participatory Interventions to Improve Farmer Knowledge and Practices of Household Biogas Unit Operation in Ha Nam Province, Vietnam	Journal of Public Health Management & Practice	Yes	Yes	https://doi.org/10.1097/phh.0000000000000727
A4NH	Barffour M.A., Schulze K.J., Coles C.L., Chileshe J., Kalungwana N., Arguello M., Siamusantu W., Moss W.J., West K.P., Palmer A.C.	Comparability of Inflammation-Adjusted Vitamin A Deficiency Estimates and Variance in Retinol Explained by C-Reactive Protein and ?1-Acid Glycoprotein during Low and High Malaria Transmission Seasons in Rural Zambian Children	The American Journal of Tropical Medicine and Hygiene	Yes	Yes	https://doi.org/10.4269/ajtmh.17-0130
A4NH	Mitchodigni I.M., Hounkpatin W.A., Ntandou-Bouzitou G., Termote C., Bodjrenou F.S.U., Mutanen M., Hounhouigan D.J.	Complementary feeding practices among children under two years old in West Africa: A review	African Journal of Food, Agriculture, Nutrition & Development	Yes	Yes	https://doi.org/10.18697/ajfan.d.82.17350
A4NH	Böhme U., Otto T.D., Cotton J.A., Steinbiss S., Sanders M., Oyola S.O., Nicot A., Gandon S., Patra K.P., Herd C., Bushell E., Modrzynska K.K., Billker O., Vinetz J.M., Rivero A., Newbold C.I., Berriman M.	Complete avian malaria parasite genomes reveal features associated with lineage-specific evolution in birds and mammals	Genome Research	Yes	Yes	https://doi.org/10.1101/gr.218123.116
A4NH	Boerma T., Requejo J., Victora C.G., Amouzou A., George A., Agyepong I., Barroso C., Barros A.J.D., Bhutta Z.A., Black R.E., Borghi J., et al.	Countdown to 2030: tracking progress towards universal coverage for reproductive, maternal, newborn, and child health	The Lancet	Yes	Yes	https://doi.org/10.1016/s0140-6736(18)30104-1
A4NH	Baban Bayan, Ram Pratim Deka	Crossbred Cattle Adoption and Market Participation Behaviour of Smallholder Dairy Farmers in Assam	International Journal of Livestock Research	Yes	No	https://doi.org/10.5455/ijlr.20171122051450
A4NH	Masters, William A.; Mozaffarian, Dariush; Covic, Namukolo; Danaei, Goodarz; Webb, Patrick; Kranz, Sarah; Mavrotas, George; Rosettie, Katherine L.	Designing programs to improve diets for maternal and child health: estimating costs and potential dietary impacts of nutrition-sensitive programs in Ethiopia, Nigeria, and India	Health Policy & Planning	Yes	Yes	https://doi.org/10.1093/heapol/czy013

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A4NH	A Musewa, K Roesel, D Grace, MM Dione, J Erume	Detection of Erysipelothrix rhusiopathiae in naturally infected pigs in Kamuli District, Uganda	Revue d'elevage et de medecine veterinaire des pays tropicaux	Yes	Yes	https://doi.org/10.19182/remvt.31229
A4NH	Aber H., Mulindwa J., Lung'aho M., Nyakundi F., Jager M., Ugen M.	Development of a food safety toolkit for dry common beans (Phaseolus vulgaris L.) in Uganda using a Hazard Analysis and Critical Control Point (HACCP) approach	African Journal of Food, Agriculture, Nutrition & Development	Yes	Yes	https://doi.org/10.18697/ajfan.d.83.17330
A4NH	Nga D.T., Thao T.T., Van Tu V., Phuc P.D., Nguyen-Viet H.	Development of nutrient cycle through agricultural activities of a rural area in the North of Vietnam	Journal of Material Cycles & Waste Management	No	Yes	https://doi.org/10.1007/s10163-016-0557-1
A4NH	Nabuma D., Ekesa B., Kennedy G.	Dietary diversity among smallholder households in Bukoba district, Tanzania and Kiboga district, Uganda	African Journal of Food, Agriculture, Nutrition & Development	Yes	Yes	https://doi.org/10.18697/ajfan.d.81.17110
A4NH	Ruel, Marie T.; Menon, Purnima; Frongillo, Edward A; Nguyen, Phuong Hong; Tran, Lan Mai; Huybregts, Lieven; Sanghvi, Tina	Dietary Diversity Predicts the Adequacy of Micronutrient Intake in Pregnant Adolescent Girls and Women in Bangladesh, but Use of the 5-Group Cutoff Poorly Identifies Individuals with Inadequate Intake	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/in/nxy045
A4NH	Djouaka R., Zeukeng F., Bigoga J.D., Kakou-Ngazon S.E., Akoton R., Tchigossou G., Coulibaly D.N., Tchebe S.J.-E., Aboubacar S., Nguedjo C.N., Tossou E., Adeoti R., Ngo Nsonga T.M., Akpo Y., Djegbe I., Tamo M., Mbacham W.F., Ablordey A.	Domestic animals infected with Mycobacterium ulcerans—Implications for transmission to humans	PLoS Neglected Tropical Diseases	Yes	Yes	https://doi.org/10.1371/journal.pntd.0006572
A4NH	Samuel A., Brouwer I.D., Feskens E.J.M., Adish A., Kebede A., De-Regil L.M., Osendarp S.J.M.	Effectiveness of a Program Intervention with Reduced-Iron Multiple Micronutrient Powders on Iron Status, Morbidity and Growth in Young Children in Ethiopia	Nutrients	Yes	Yes	https://doi.org/10.3390/nu10101508
A4NH	BeLatin American and Caribbean Program (LAC)hew, Tefera; Kolsteren, Patrick; De Meulenaer, Bruno; Bouckaert, Kimberley P.; Wondafrash, Mekitie; Huybregts, Lieven F.; Argaw, Alemayehu; Latin American and Caribbean Program (LAC)hat, Carl	Effects of n-3 long-chain PUFA supplementation to lactating mothers and their breastfed children on child growth and morbidity: A 2 × 2 factorial randomized controlled trial in rural Ethiopia	American Journal of Clinical Nutrition	Yes	Yes	https://doi.org/10.1093/ajcn/nqx057
A4NH	Prakash, Ashish; Kumar, Jitendra; Dhingra, Pratibha; Deb, Saikat; Dutta, Arup; Devi, Prabhabati; Sazawal, Sunil; Dhingra, Usha	Efficacy of high zinc biofortified wheat in improvement of micronutrient status, and prevention of morbidity among preschool children and women - a double masked, randomized, controlled trial	Nutrition Journal	Yes	Yes	https://doi.org/10.1186/s12937-018-0391-5
A4NH	Ruel, Marie T.; Menon, Purnima; Wable, Gargi; Frongillo, Edward A; Nguyen, Phuong Hong; Alayon, Silvia; Aktar, Bachera; Tran, Lan Mai; Afsana, KaoSouth Asia Region (SAR); Mahmud, Zeba; Sanghvi, Tina	Engagement of Husbands in a Maternal Nutrition Program Substantially Contributed to Greater Intake of Micronutrient Supplements and Dietary Diversity during Pregnancy: Results of a Cluster-Randomized Program Evaluation in Bangladesh	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/in/nxy090
A4NH	Oyas H., Holmstrom L., Kemunto N.P., Muturi M., Mwatondo A., Osoro E., Bitek A., Bett B., Githinji J.W., Thumbi S.M., Widdowson M.-A., Munyua P.M., Njenga M.K.	Enhanced surveillance for Rift Valley Fever in livestock during El Niño rains and threat of RVF outbreak, Kenya, 2015-2016	PLoS Neglected Tropical Diseases	Yes	Yes	https://doi.org/10.1371/journal.pntd.0006353
A4NH	Iacono G.L., Cunningham A.A., Bett B., Grace D., Redding D.W., Wood J.L.N.	Environmental limits of Rift Valley fever revealed using	Proceedings of the National Academy	Yes	Yes	https://doi.org/10.1073/pnas.1803264115

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		ecoepidemiological mechanistic models	of Sciences of the United States of America			
A4NH	Dermauw V., Dorny P., Braae U.C., Devleeschauwer B., Robertson L.J., Saratsis A., Thomas L.F.	Epidemiology of Taenia saginata taeniosis/cysticercosis: A systematic review of the distribution in southern and eastern Africa	Parasites & Vectors	Yes	Yes	https://doi.org/10.1186/s13071-018-3163-3
A4NH	Ssematimba A., Okike I., Ahmed G.M., Yamage M., Boender G.J., Hagenaars T.J., Bett B.	Estimating the between-farm transmission rates for highly pathogenic avian influenza subtype H5N1 epidemics in Bangladesh between 2007 and 2013	Transboundary & Emerging Diseases	No	Yes	https://doi.org/10.1111/tbed.12692
A4NH	Van Vu T., Pham P.D., Winkler M.S., Zurbrugg C., Zinsstag J., Tran B.H., Nguyen-Viet H.	Estimation of involuntary excreta ingestion rates in farmers during agricultural practices in Vietnam	Human and Ecological Risk Assessment: An International Journal	No	Yes	https://doi.org/10.1080/10807039.2018.1478274
A4NH	Pham, Giang; Lam, Steven; Dinh-Xuan, Tung; Nguyen-Viet, Hung	Evaluation of an Ecohealth Approach to Public Health Intervention in Ha Nam, Vietnam	Journal of Public Health Management & Practice	Yes	Yes	https://doi.org/10.1097/phh.0000000000000732
A4NH	Nisbett, Nicholas; Hoddinott, John F.; van den Bold, Mara; Gillespie, Stuart; Arifeen, Shams	Evidence to Action: Highlights From Transform Nutrition Research (2012-2017)	Food & Nutrition Bulletin	Yes	Yes	https://doi.org/10.1177/0379572118788155
A4NH	Binta Sako, Joanne N. Leerlooijer, Azeb Lelisa, Abebe Hailemariam, Inge D. Brouwer, Amal Tucker Brown, Saskia J. M. Osendarp	Exploring barriers and enablers for scaling up a community-based grain bank intervention for improved infant and young child feeding in Ethiopia: A qualitative process evaluation	Maternal & Child Nutrition	Yes	Yes	https://doi.org/10.1111/mcn.12551
A4NH	Menon, Purnima; Saha, Kuntal K.; Roopnaraine, Terry; Bhuiyan, Mahbubul I.; Nguyen, Phuong H.; Kim, Sunny S.	Factors influencing the uptake of a mass media intervention to improve child feeding in Bangladesh	Maternal & Child Nutrition	Yes	Yes	https://doi.org/10.1111/mcn.12603
A4NH	Bronsvort, Barend M. de C.; Fèvre, Eric M.; Wardrop, Nicola; Kariuki, Samuel; Thomas, Lian F.; de Glanville, William A.; Cook, Elizabeth A. J.; Wamae, Claire N.	General contextual effects on neglected tropical disease risk in rural Kenya	PLoS Neglected Tropical Diseases	Yes	Yes	https://doi.org/10.1371/journal.pntd.0007016
A4NH	Fidalis Denis Mujibi, Edward Okoth, Evans K. Cheruiyot, Cynthia Onzere, Richard P. Bishop, Eric M. Fèvre, Lian Thomas, Charles Masembe, Graham Plastow, Max Rothschild	Genetic diversity, breed composition and admixture of Kenyan domestic pigs	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0190080
A4NH	Hu Suk Lee, Vu Dinh Thiem, Dang Duc Anh, Tran Nhu Duong, Mihye Lee, Delia Grace, Hung Nguyen-Viet	Geographical and temporal patterns of rabies post exposure prophylaxis (PEP) incidence in humans in the Mekong River Delta and Southeast Central Coast regions in Vietnam from 2005 to 2015	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0194943
A4NH	Choudhury, Samira; Headey, Derek D.	Household dairy production and child growth: Evidence from Bangladesh	Economics & Human Biology	Yes	Yes	https://doi.org/10.1016/j.ehb.2018.07.001
A4NH	Johanna F. Lindahl, Ram Pratim Deka, Rainer Asse, Lucy Lapar & Delia Grace	Hygiene knowledge, attitudes and practices among dairy value chain actors in Assam, north-east India and the impact of a training intervention	Infection Ecology and Epidemiology	Yes	Yes	https://doi.org/10.1080/20008686.2018.1555444
A4NH	Onono, Joshua Orungo; Muinde, Patrick; et al.; Alarcon, Pablo; Akoko, James Miser; Karani, Maurice	Identification of production challenges and benefits using value chain mapping of egg food systems in Nairobi, Kenya	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2017.10.001

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A4NH	George, Nitya Rachel; Majumder, Moutushi; Scott, Samuel; Chakrabarti, Suman; Raykar, Neha	Identifying sociodemographic, programmatic and dietary drivers of anaemia reduction in pregnant Indian women over 10 years	Public Health Nutrition	No	Yes	https://doi.org/10.1017/s1368980018000903
A4NH	Menon, Purnima; Frongillo, Edward A; Nguyen, Phuong Hong; Alayon, Silvia; Aktar, Bachera; Tran, Lan Mai; Mahmud, Zeba; Sanghvi, Tina; Kim, Sunny S.	Importance of coverage and quality for impact of nutrition interventions delivered through an existing health programme in Bangladesh	Maternal & Child Nutrition	No	Yes	https://doi.org/10.1111/mcn.12613
A4NH	Young, Melissa; Kim, Nicole; Ramakrishnan, Usha; Gonzalez-Casanova, Ines; Martorell, Reynaldo; Nguyen, Son; Nguyen, Phuong H.; DiGirolamo, Ann M.	Influences of early child nutritional status and home learning environment on child development in Vietnam	Maternal & Child Nutrition	No	Yes	https://doi.org/10.1111/mcn.12468
A4NH	Simon Nyokabi, Regina Birner, Bernard Bett, Linda Isuyi, Delia Grace, Denise Güttler, Johanna Lindahl	Informal value chain actors' knowledge and perceptions about zoonotic diseases and biosecurity in Kenya and the importance for food safety and public health	Tropical Animal Health & Production	Yes	Yes	https://doi.org/10.1007/s11250-017-1460-z
A4NH	Barbara Häslér, George Msalya, Maria Garza, Kimberly Fornace, Mahmoud Eltholth, Lusato Kurwijila, Jonathan Rushton, Delia Grace	Integrated food safety and nutrition assessments in the dairy cattle value chain in Tanzania	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.05.003
A4NH	D. Mbotha, B. Bett, S. Kairu-Wanyoike, D. Grace, A. Kihara, M. Wainaina, A. Hoppenheit, P.-H. Clausen, J. Lindahl	Inter-epidemic Rift Valley fever virus seroconversions in an irrigation scheme in Bura, south-east Kenya	Transboundary & Emerging Diseases	No	Yes	https://doi.org/10.1111/tbed.12674
A4NH	Gennifer Meldrum, Stefano Padulosi, Gaia Lochetti, Rose Robitaille, Stefano Diulgheroff	Issues and Prospects for the Sustainable Use and Conservation of Cultivated Vegetable Diversity for More Nutrition-Sensitive Agriculture	Agriculture	Yes	Yes	https://doi.org/10.3390/agriculture8070112
A4NH	Ruel, Marie T.; Menon, Purnima; Frongillo, Edward A; Nguyen, Phuong Hong; Tran, Lan Mai; Afsana, Kaosar; Mahmud, Zeba; Sanghvi, Tina; Haque, Mohammad Raisul; Kim, Sunny S.	Large-Scale Social and Behavior Change Communication Interventions Have Sustained Impacts on Infant and Young Child Feeding Knowledge and Practices: Results of a 2-Year Follow-Up Study in Bangladesh	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/in/nxy147
A4NH	Wainaina, M., Bett, B., Ontiri, E., Picozzi, K., Agwanda, B., Strand, T., ... & Lindahl, J.	Leptospira bacteria detected in rodents in Tana River and Garissa counties of Kenya	Infection Ecology and Epidemiology	Yes	Yes	https://doi.org/10.1080/20008686.2018.1547093
A4NH	Garcia-Guerra, Armando; Leroy, Jef L.; Sununtnasuk, Celeste; Wang, Jia-Sheng	Low level aflatoxin exposure associated with greater linear growth in southern Mexico: A longitudinal study	Maternal & Child Nutrition	Yes	Yes	https://doi.org/10.1111/mcn.12619
A4NH	Rushton, Jonathan; Fèvre, Eric M.; Murungi, Maurice K.; Gikonyo, Stephen; Muinde, Patrick; Kang'ethe, Erastus K.; Momanyi, Kelvin; Alarcon, Pablo; Kiambi, Stella; Aboge, Gabriel; Akoko, James	Mapping Nairobi's dairy food system: An essential analysis for policy, industry and research	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2018.08.007
A4NH	Alderman, Harold; Menon, Purnima; Friedman, Jed; Nguyen, Phuong Hong; Kak, Mohini	Maternal depressive symptoms are negatively associated with child growth and development: Evidence from rural India	Maternal & Child Nutrition	Yes	Yes	https://doi.org/10.1111/mcn.12621
A4NH	Dusingizimana, Th?og?ne; Lung?aho, Mercy; Patrick Ongol, Martin; Vasanthakaalam, Hilda; Owino, Joseph	Micro-Mineral Retention and Anti-Nutritional Compounds Degradation During Bean Cooking Process	Current Research in Nutrition and Food Science Journal	Yes	No	https://doi.org/10.12944/crnfsj.6.2.27
A4NH	Martin Wainaina, Bernard Bett, Enoch Ontiri, Kim Picozzi, Bernard Agwanda, Tanja Strand, Delia Grace, Åke Lundkvist, Johanna Lindahl	Modification of local diets to improve vitamin a, iron and protein contents for children aged 6 to 23 months in Kagera, Tanzania	African Journal of Food, Agriculture, Nutrition & Development	Yes	Yes	https://doi.org/10.18697/ajfan.d.81.17025

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A4NH	de Brauw, Alan; Allen, Summer L.	Nutrition sensitive value chains: Theory, progress, and open questions	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2017.07.002
A4NH	Healy, Katherine; Chileshe, Justin; Siamusantu, Ward; Labrique, Alain B.; Palmer, Amanda C.; West Jr., Keith P.; Barffour, Maxwell A.; Schulze, Kerry J	Nutritional Status Measures Are Correlated with Pupillary Responsiveness in Zambian Children	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/jn/nxy069
A4NH	Rawat, Rahul; Harris, Jody; Nguyen, Phuong Hong; Mwanamwenge, Marjolein; Rosenberg, Adam M.; Maluccio, John A.; Tembo, Gelson	Nutrition-sensitive agricultural interventions, agricultural diversity, food access and child dietary diversity: Evidence from rural Zambia	Food Policy	No	Yes	https://doi.org/10.1016/j.foodpol.2018.07.008
A4NH	Ruel, Marie T.; Balagamwala, Mysbah; Quisumbing, Agnes R.	Nutrition-sensitive agriculture: What have we learned so far?	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.01.002
A4NH	Kumar, Neha; Quisumbing, Agnes R.; Raghunathan, Kalyani; Menon, Purnima; Scott, Samuel; Kannan, Samyuktha; Cunningham, Kenda	Pathways from women's group-based programs to nutrition change in South Asia: A conceptual framework and literature review	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2017.11.002
A4NH	Antonio Perfecto, Ildefonso Rodriguez-Ramiro, Jorge Rodriguez-Celma, Paul Sharp, Janneke Balk, Susan Fairweather-Tait	Pea Ferritin Stability under Gastric pH Conditions Determines the Mechanism of Iron Uptake in Caco-2 Cells	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/jn/nxy096
A4NH	Ilona, Paul; Westby, Andrew; Chijioke, Ugo; Bechoff, Aur?lie; Boy, Erick; Tomlins, Keith Ian	Physical losses could partially explain modest carotenoid retention in dried food products from biofortified cassava	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0194402
A4NH	Florence Mutua1, Absolomon Kihara1, Jason Rogena, Nicholas Ngwili, Gabriel Aboge, James Wabacha, Bernard Bett	Piloting a livestock identification and traceability system in the northern Tanzania–Narok–Nairobi trade route	Tropical Animal Health & Production	Yes	Yes	https://doi.org/10.1007/s11250-017-1431-4
A4NH	Rouamba, Hippolyte; Oudraogo, Marcellin; Yago-Wienne, Fanny; Nielsen, Jennifer; Pedehombga, Abdoulaye; Olney, Deanna K.	Process evaluation improves delivery of a nutrition sensitive agriculture programme in Burkina Faso	Maternal & Child Nutrition	No	Yes	https://doi.org/10.1111/mcn.12573
A4NH	Ruel, Marie T.; Leroy, Jef L.; Bliznashka, Lilia; Olney, Deanna K.	PROCOMIDA, a Food-Assisted Maternal and Child Health and Nutrition Program, Reduces Child Stunting in Guatemala: A Cluster-Randomized Controlled Intervention Trial	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/jn/nxy138
A4NH	Ruel, Marie T.; Menon, Purnima; Nguyen, Phuong Hong; Avula, Rasmi; Tran, Lan Mai; Headey, Derek D.	Progress and inequalities in infant and young child feeding practices in India between 2006 and 2016	Maternal & Child Nutrition	Yes	Yes	https://doi.org/10.1111/mcn.12663
A4NH	K.M. Richa, K. Dizyeeb, T.T. Huyen Nguyenc, N. Ha Duongcd, V. Hung Phamc, T.D. Nga Nguyenc, F. Ungera, M.L. Lapara	Quantitative value chain approaches for animal health and food safety	Food Microbiology	Yes	Yes	https://doi.org/10.1016/j.fm.2017.09.018
A4NH	Ledlie, Natasha; Alderman, Harold; Leroy, Jef L.; You, Liangzhi	Rainfall shocks are not necessarily a sensitive early indicator of changes in wasting prevalence	European Journal of Clinical Nutrition	Yes	Yes	https://doi.org/10.1038/ejcn.2017.144
A4NH	Muturi, M., Gachohi, J., Mwatondo, A., Lekool, I., Gakuya, F., Bett, A., Osoro, E., Bitek, A., Thumbi, S.M., Munyua, P., Oyas, H., Njagi, O.N., Bett, B. and Njenga, M.K.	Recurrent Anthrax Outbreaks in Humans, Livestock, and Wildlife in the Same Locality, Kenya, 2014–201	The American Journal of Tropical Medicine and Hygiene	Yes	Yes	https://doi.org/10.4269/ajtmh.18-0224
A4NH	Nguyen-Viet, H., Grace, D., Pham-Duc, P., Dang-Xuan, S., Luu-Quoc, T., Unger, F., Tran-Dinh, L	Research and training partnership to assist policy and capacity building in improving food safety in Vietnam	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.08.009
A4NH	Perry, B. D., Robinson, T. P., & Grace, D. C.	Review: Animal health and sustainable global livestock systems	animal	No	Yes	https://doi.org/10.1017/s1751731118000630

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A4NH	Malapit, Hazel J.; Johnston, Deborah; Hull, Elizabeth; Stevano, Sara; Kadiyala, Suneetha	Review: Time Use as an Explanation for the Agri-Nutrition Disconnect: Evidence from Rural Areas in Low and Middle-Income Countries	Food Policy	Yes	Yes	https://doi.org/10.1016/j.foodpol.2017.12.011
A4NH	Njenga, M. K., & Bett, B.	Rift Valley fever virus—how and where virus is maintained during inter-epidemic periods	Current Clinical Microbiology Reports	Yes	Yes	https://doi.org/10.1007/s40588-018-0110-1
A4NH	Young, Melissa; Addo, O. Yaw; Ramakrishnan, Usha; Gonzalez-Casanova, Ines; Martorell, Reynaldo; Nguyen, Phuong Hong; Nguyen, Son; Tran, Lan Mai	Role of maternal preconception nutrition on offspring growth and risk of stunting across the first 1000 days in Vietnam: A prospective cohort study	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0203201
A4NH	Beintema, J. J., Gallego-Castillo, S., Londoño-Hernandez, L. F., Restrepo-Manjarres, J., & Talsma, E. F.	Scaling-up biofortified beans high in iron and zinc through the school-feeding program: A sensory acceptance study with schoolchildren from two departments in southwest Colombia	Food Science & Nutrition	Yes	Yes	https://doi.org/10.1002/fsn3.632
A4NH	Menon, Purnima; Gillespie, Stuart; Haas, Jere D.; Madan, Emily M.	Seasonal variation in the proximal determinants of undernutrition during the first 1000 days of life in rural South Asia: A comprehensive review	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.08.008
A4NH	Lindahl, J. F., Goyal Kumar, N., Deka, R. P., Shome, R., & Grace, D.	Serological evidence of Brucella infections in dairy cattle in Haryana, India	Infection Ecology and Epidemiology	Yes	Yes	https://doi.org/10.1080/20008686.2018.1555445
A4NH	Ndoboli, D., Roesel, K., Heilmann, M., Alter, T., Clausen, P. H., Wampande, E., ... & Huehn, S.	Serotypes and antimicrobial resistance patterns of Salmonella enterica subsp. enterica in pork and related fresh-vegetable servings among pork outlets in Kampala, Uganda	Revue d'elevage et de medecine veterinaire des pays tropicaux	Yes	Yes	https://doi.org/10.19182/remvt.31289
A4NH	Dang-Xuan, S., Nguyen-Viet, H., Pham-Duc, P., Grace, D., Unger, F., Nguyen-Hai, N., ... & Makita, K.	Simulating Cross-Contamination of Cooked Pork with Salmonella enterica from Raw Pork through Home Kitchen Preparation in Vietnam	International Journal of Environmental Research and Public Health	Yes	Yes	https://doi.org/10.3390/ijerph15102324
A4NH	Madjdian, D. S., Azupogo, F., Osendarp, S. J., Hilde, B., & Brouwer, I. D.	Socio-cultural and economic determinants and consequences of adolescent undernutrition and micronutrient deficiencies in LLMICs: a systematic narrative review	Annals of the New York Academy of Sciences	Yes	Yes	https://doi.org/10.1111/nyas.13670
A4NH	Beyene, H., Deressa, W., Kumie, A., & Grace, D.	Spatial, temporal, and spatiotemporal analysis of under-five diarrhea in Southern Ethiopia	Tropical Medicine & Health	Yes	Yes	https://doi.org/10.1186/s41182-018-0101-1
A4NH	Watts, N., Amann, M., Arnell, N., Ayeb-Karlsson, S., Belesova, K., Berry, H., ... & Campbell-Lendrum, D.	The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come	The Lancet	Yes	Yes	https://doi.org/10.1016/s0140-6736(18)32594-7
A4NH	Mishkin, K., Raskind, I., Dominguez-Salas, P., Baltenweck, I., Omoro, A., & Girard, A. W.	The effect of participation in a pro-poor dairy development project on milk consumption among reproductive age women in rural Tanzania	African Journal of Food, Agriculture, Nutrition & Development	Yes	Yes	https://doi.org/10.18697/ajfan.d.81.17200
A4NH	Jones, Kelly M.; Leroy, Jef L.; Hoffmann, Vivian	The impact of reducing dietary aflatoxin exposure on child linear growth: a cluster randomised controlled trial in Kenya	BMJ Global Health Journal	Yes	Yes	https://doi.org/10.1136/bmjgh-2018-000983
A4NH	Sirma, A. J., Lindahl, J. F., Makita, K., Senerwa, D., Mtimit, N., Kang'ethe, E. K., & Grace, D.	The impacts of aflatoxin standards on health and nutrition in sub-Saharan Africa: The case of Kenya	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.08.001

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A4NH	Watts, N., Amann, M., Ayebe-Karlsson, S., Belesova, K., Bouley, T., Boykoff, M., ... & Cox, P. M.	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health	The Lancet	Yes	Yes	https://doi.org/10.1016/s0140-6736(17)32464-9
A4NH	Rasmussen, Kathleen M.; Habicht, Jean-Pierre; Menon, Purnima; Stoltzfus, Rebecca J.; Peltó, Gretel H.; Saha, Kuntal K.; Adiba, Khaled; Zongrone, Amanda A.; Vermeulen, Francoise; Constan, Mark A.	The Pathways from a Behavior Change Communication Intervention to Infant and Young Child Feeding in Bangladesh Are Mediated and Potentiated by Maternal Self-Efficacy	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/jn/nxx048
A4NH	Karin J.; Borgonjen-van den Berg; Talsma, Elise F; Mayer, Eva V.; Melse-Boonstra, Alida; et al.; Verhoef, Hans	The potential contribution of yellow cassava to dietary nutrient adequacy of primary-school children in Eastern Kenya; the use of linear programming	Public Health Nutrition	No	Yes	https://doi.org/10.1017/s1368980017002506
A4NH	Chauhan, A. S., George, M. S., Chatterjee, P., Lindahl, J., Grace, D., & Kakkar, M.	The social biography of antibiotic use in smallholder dairy farms in India	Antimicrobial Resistance and Infection Control	Yes	Yes	https://doi.org/10.1186/s13756-018-0354-9
A4NH	Alderman, Harold; Headey, Derek	The timing of growth faltering has important implications for observational analyses of the underlying determinants of nutrition outcomes	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0195904
A4NH	Fevre, E.M.; Gitau, G.K.; Ogola, J.; Christley, R.; de Glanville, W.A.; Muchemi, G.	The topology of between-herd cattle contacts in a mixed farming production system in western Kenya	Preventive Veterinary Medicine	Yes	Yes	https://doi.org/10.1016/j.prevetmed.2018.06.010
A4NH	Wood, S. A., Smith, M. R., Fanzo, J., Remans, R., & DeFries, R. S.	Trade and the equitability of global food nutrient distribution	Nature Sustainability	No	Yes	https://doi.org/10.1038/s41893-017-0008-6
A4NH	Menon, Purnima; Nguyen, Phuong Hong; Avula, Rasmi; Scott, Samuel; Tran, Lan Mai	Trends and drivers of change in the prevalence of anaemia among 1 million women and children in India, 2006 to 2016	BMJ Global Health Journal	Yes	Yes	https://doi.org/10.1136/bmigh-2018-001010
A4NH	Ruel, Marie T.; Olney, Deanna; Leroy, Jef L.	Tubaramure, a Food-Assisted Integrated Health and Nutrition Program, Reduces Child Stunting in Burundi: A Cluster-Randomized Controlled Intervention Trial	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/jn/nxx063
A4NH	Ruel, Marie T.; Leroy, Jef L.; Ahmed, Akhter; Sununtnasuk, Celeste	Understanding the determinants of adolescent nutrition in Bangladesh	Annals of the New York Academy of Sciences	Yes	Yes	https://doi.org/10.1111/nyas.13530
A4NH	Menon, Purnima; Nguyen, Phuong Hong; Avula, Rasmi; Headey, Derek D.	Understanding the geographical burden of stunting in India: A regression?decomposition analysis of district?level data from 2015-16	Maternal & Child Nutrition	Yes	Yes	https://doi.org/10.1111/mcn.12620
A4NH	Ruel, Marie T.; Alderman, Harold; Katundu, Mangani; Margolies, Amy; Twalibu, Aisha; Roschnik, Natalie; Gelli, Aulo; Santacroce, Marco; Moestue, Helen	Using a Community-Based Early Childhood Development Center as a Platform to Promote Production and Consumption Diversity Increases Children's Dietary Intake and Reduces Stunting in Malawi: A Cluster-Randomized Trial	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/jn/nxy148
A4NH	Talegawkar, Sameera A.; Siamusantu, Ward; West, Keith P; Caswell, Bess L.; Palmer, Amanda C.	Usual nutrient intake adequacy among young, rural Zambian children	British Journal of Nutrition	No	Yes	https://doi.org/10.1017/s00071451700335x
A4NH	Muloi, D., Alarcon, P., Ombui, J., Ngeiywa, K. J., Abdullahi, B., Muinde, P., ... & Fèvre, E. M.	Value chain analysis and sanitary risks of the camel milk system supplying Nairobi city, Kenya	Preventive Veterinary Medicine	Yes	Yes	https://doi.org/10.1016/j.prevetmed.2018.09.010
A4NH	Ruel, Marie T.; Kumar, Neha; Rawat, Rahul; Harvey, Danny; Harris, Jody; Nguyen, Phuong Hong	What it takes: evidence from a nutrition- and gender-sensitive agriculture intervention in rural Zambia	Journal of Development Effectiveness	Yes	Yes	https://doi.org/10.1080/19439342.2018.1478874

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A4NH	Béné, C., Oosterveer, P., Lamotte, L., Brouwer, I. D., de Haan, S., Prager, S. D., ... & Khoury, C. K.	When food systems meet sustainability - Current narratives and implications for actions	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.08.011
A4NH	Quisumbing, Agnes R.; Sraboni, Esha	Women's empowerment in agriculture and dietary quality across the life course: Evidence from Bangladesh	Food Policy	Yes	Yes	https://doi.org/10.1016/j.foodpol.2018.09.001
A4NH & CCAFS	Thanh Nguyen XT, Thanh Nguyen TT, Nguyen-Viet H, Ngoc Tran K, Lindahl J, Randolph DG, Minh Ha T, Suk Lee H.	Assessment of aflatoxin B1 in maize and awareness of aflatoxins in Son La, Vietnam	Infection Ecology and Epidemiology	Yes	Yes	https://doi.org/10.1080/20008686.2018.1553464
A4NH & CCAFS & PIM	Nelson G, Bogard J, Lividini K, Arsenault J, Riley M, Sulser TB, Mason-D'Croz D, Power B, Gustafson D, Herrero M, Wiebe K, Cooper K, Remans R, Rosegrant M.	Income growth and climate change effects on global nutrition security to mid-century	Nature Sustainability	No	Yes	https://doi.org/10.1038/s41893-018-0192-z
A4NH & MAIZE	Tessema, M., Gunaratna, N.S. , Brouwer, I.D. , Donato, K. , Cohen, J.L. , McConnell, M. , Belachew, T. , Belayneh, D. , De Groote, H. A. J.	Associations among High-Quality Protein and Energy Intake, Serum Transferrin, Serum Amino Acids and Linear Growth of Children in Ethiopia	Nutrients	Yes	Yes	https://doi.org/10.3390/nu10111776
A4NH & MAIZE	Azmach, G., Menkir, A., Spillane, C. & Gedil, M.	Genetic Loci Controlling Carotenoid Biosynthesis in Diverse Tropical Maize Lines	G3: Genes, Genomes, Genetics	Yes	Yes	https://doi.org/10.1534/g3.117.300511
A4NH & MAIZE	Meseka, S. K., Williams, W. P., Warburton, M., Brown, R. L., Augusto, J., Ortega-Beltran, A., Bandyopadhyay, R. & Menkir, A.	Heterotic affinity and combining ability of exotic maize inbred lines for resistance to aflatoxin accumulation	Euphytica	Yes	Yes	https://doi.org/10.1007/s10681-018-2254-8
A4NH & MAIZE	Hindu, V., Palacios-Rojas, N. , Babu, R. , Suwarno, W.B. , Rashid, Z. , Usha, R. , Gajanan Saykhedkar , Nair, S.K.	Identification and validation of genomic regions influencing kernel zinc and iron in maize	Theoretical & Applied Genetics	Yes	Yes	https://doi.org/10.1007/s00122-018-3089-3
A4NH & PIM	Headey, Derek; Hirvonen, Kalle	Can governments promote homestead gardening at scale? Evidence from Ethiopia	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.09.001
A4NH	Kishore, Avinash; Roy, Devesh; Chakrabarti, Suman	Effectiveness of Food Subsidies in Raising Healthy Food Consumption: Public Distribution of Pulses in India	American Journal of Agricultural Economics	Yes	Yes	https://doi.org/10.1093/ajae/aaay022
A4NH & PIM	Ahmed, Akhter U.; von Braun, Joachim; Islam, Abu Hayat Md. Saiful; Thorne-Lyman, Andrew L.	Farm diversification and food and nutrition security in Bangladesh: empirical evidence from nationally representative household panel data	Food Security	No	Yes	https://doi.org/10.1007/s12571-018-0806-3
A4NH	Benson, Todd; Amare, Mulubrhan; Arndt, Channing; Abay, Kibrom A.	OUP accepted manuscript	Journal of Infectious Diseases	Yes	Yes	https://doi.org/10.1093/infdis/jiy330
A4NH	Guo, Zhe; Stifel, David; You, Liangzhi; Headey, Derek D.	Remoteness, urbanization, and child nutrition in sub-Saharan Africa	Agricultural Economics	Yes	Yes	https://doi.org/10.1111/agec.12458
A4NH	Doss, Cheryl; Quisumbing, Agnes R.; Meinzen-Dick, Ruth Suseela; Theis, Sophie	Women in agriculture: Four myths	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2017.10.001
A4NH & RTB	Stef De Haan, Andrew Jones, Hilary Creed-Kanashiro, Karl Zimmerer, Miluska Carrasco, Krysty Meza, Milka Tello, Franklin Plasencia Amaya, Lizette Ganoza	Farm-Level Agricultural Biodiversity in the Peruvian Andes Is Associated with Greater Odds of Women Achieving a Minimally Diverse and Micronutrient Adequate Diet	Journal of Nutrition	Yes	Yes	https://doi.org/10.1093/in/nxy166
A4NH & RTB	Delphine Amah, Dr. Allan Brown, Rony Swennen, Maryke Labuschagne, Angeline Van Biljon, Penelope Perkins-Weazie	Recent advances in banana (musa spp.) biofortification to alleviate vitamin A deficiency	Critical Reviews in Food Science and Nutrition	Yes	Yes	https://doi.org/10.1080/10408398.2018.1495175

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A4NH & RTB & GENE BANKS	Paola Sosa Machuca, Georgia Guild, Gabriela Del Pilar Burgos Zapata, Merideth Bonierbale, Thomas Zum Felde	Potential and application of X-ray fluorescence spectrometry to estimate iron and zinc concentration in potato tubers	Journal of Food Composition & Analysis	Yes	Yes	https://doi.org/10.1016/j.ifca.2018.03.004
A4NH & MAIZE	Johnson, A. M., Fulton, J. R., Abdoulaye, T., Ayedun, B., Widmar, N. J., Akande, A., Bandyopadhyay, R. & Manyong, V.	Aflatoxin awareness and Aflasafe adoption potential of Nigerian smallholder maize farmers	World Mycotoxin Journal	Yes	Yes	https://doi.org/10.3920/WMJ2018.2345
BIGDATA	Lisa Harper, Jacqueline Campbell, Ethalinda K S Cannon, Sook Jung, Monica Poelchau, Ramona Walls, Carson Andorf, Elizabeth Arnaud, Tanya Z Berardini, Clayton Birkett, Steve Cannon, et al.	AgBioData consortium recommendations for sustainable genomics and genetics databases for agriculture	Database	Yes	Yes	https://doi.org/10.1093/database/bay088
BIGDATA	Zschocke, T.	Enriching metadata in an international agroforestry research repository with funding-related information by mining grey literature	Procedia Computer Science	Yes	No	https://doi.org/10.1016/j.procs.2019.01.086
BIGDATA	Meier, A., Laporte, M. A., Elser, J., Cooper, L., Preece, J., Jaiswal, P., & Poolen, J.	OOPS: The Ontology of Plant Stress, A semi-automated standardization methodology	CEUR	Yes	No	http://ceur-ws.org/Vol-2285/ICBO_2018_paper_25.pdf
BIGDATA	Mehrabi, Z., Jimenez, D., & Jarvis, A. (2018). Smallholders need access to big-data agronomy too. Nature, 555(7694).	Smallholders need access to big-data agronomy too	Nature	No	Yes	https://doi.org/10.1038/d41586-018-02566-1
BIGDATA & PIM	Senthild Asseng, Pierre Martre, Andrea Maiorano, Reimund P. Rötter, Garry J. O'Leary, Glenn J. Fitzgerald, Christine Girousse, Rosella Motzo, Francesco Giunta, M. Ali Babar, Matthew P. Reynolds, et al.	Climate change impact and adaptation for wheat protein	Global Change Biology	Yes	Yes	https://doi.org/10.1111/gcb.14481
CCAFS	Karlson L, Naess LO, Nightingale A, Thompson J.	'Triple wins' or 'triple faults'? Analysing the equity implications of policy discourses on climate-smart agriculture (CSA)	The Journal of Peasant Studies	No	Yes	https://doi.org/10.1080/03066150.2017.1351433
CCAFS	Guevara-Murua A, Williams C A, Hendy EJ, Imbach P.	300-years of hydrological records and societal responses to droughts and floods on the Pacific coast of Central America	Climate of the Past	Yes	Yes	https://doi.org/10.5194/cp-14-175-2018
CCAFS	Alahacoon N, Matheswaran K, Pani P, Amarnath G.	A decadal historical satellite data and rainfall trend analysis (2001–2016) for flood hazard mapping in Sri Lanka	Remote Sensing	Yes	Yes	https://doi.org/10.3390/rs10030448
CCAFS & LIVESTOCK	Goopy JP, Onyango AA, Dickhoefer U, Butterbach-Bahl K.	A new approach for improving emission factors for enteric methane emissions of cattle in smallholder systems of East Africa – Results for Nyando, Western Kenya	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2017.12.004
CCAFS	Waha K, van Wijk MT, Fritz S, See L, Thornton PK, Wichern J, Herrero M.	Agricultural diversification as an important strategy for achieving food security in Africa	Global Change Biology	Yes	Yes	https://doi.org/10.1111/gcb.14158
CCAFS	Thornton P, Dinesh D, Cramer L, Loboguerrero AM, Campbell B.	Agriculture in a changing climate: Keeping our cool in the face of the hothouse	Outlook on Agriculture	Yes	Yes	https://doi.org/10.1177/0030727018815332
CCAFS	Grewer U, Nash J, Gurwick N, Bockel L, Galford G, Richards M, Costa Junior C, White J, Pirolli G, Wollenberg E.	Analyzing the greenhouse gas impact potential of smallholder development actions across a global food security program	Environmental Research Letters	Yes	Yes	https://doi.org/10.1088/1748-9326/aab0b0
CCAFS	Vervoort J, Gupta A.	Anticipating climate futures in a 1.5 °C era: the link between foresight and governance	Sustainability	No	Yes	https://doi.org/10.1016/j.cosust.2018.01.004

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CCAFS	Camenzind T, Hammer EC, Lehmann J, Solomon D, Horn S, Rillig MC, Hempel S.	Arbuscular mycorrhizal fungal and soil microbial communities in African Dark Earths	FEMS Microbiology Ecology	No	Yes	https://doi.org/10.1093/femsec/fiy033
CCAFS	Manners R, van Etten J.	Are agricultural researchers working on the right crops to enable food and nutrition security under future climates?	Global Environmental Change	Yes	Yes	https://doi.org/10.1016/j.gloenvcha.2018.09.010
CCAFS	Ojango JMK, Audho J, Oyieng E, Radeny M, Kimeli P, Recha J, Muigai AWT.	Assessing actors in rural markets of sheep and goats in the Nyando Basin of western Kenya: A key to improving productivity from smallholder farms	Tropical Animal Health and Production	No	Yes	http://doi.org/10.1007/s11250-018-1638-z
CCAFS & A4NH	Zurek M, Hebinck A, Leip A, Vervoort J, Kuiper M, Garrone M, Havlik P, Heckelet T, Hornborg S, Ingram J, Kuijsten A, Shutes L, Geleijnse JM, Terluin I, van't Veer P, Wijnands J, Zimmermann A, Achterbosch T.	Assessing Sustainable Food and Nutrition Security of the EU Food System—An Integrated Approach	Sustainability	Yes	Yes	https://doi.org/10.3390/su10114271
CCAFS	Rhiney K, Eitzinger A, Farrell AD, Prager SD.	Assessing the implications of a 1.5 °C temperature limit for the Jamaican agriculture sector	Regional Environmental Change	No	Yes	https://doi.org/10.1007/s10113-018-1409-4
CCAFS	Schut AGT, Sibiry Traore PC, Blaes X, de By RA.	Assessing yield and fertilizer response in heterogeneous smallholder fields with UAVs and satellites	Field Crops Research	Yes	Yes	https://doi.org/10.1016/j.fcr.2018.02.018
CCAFS	MacCarthy DS, Zougmore RB, Irénikatché Akponikpè PB, Koomson E, Savadogo P, Kwasi Adiku SG.	Assessment of Greenhouse Gas Emissions from Different Land-Use Systems: A Case Study of CO ₂ in the Southern Zone of Ghana	Applied and Environmental Soil Science	Yes	Yes	https://doi.org/10.1155/2018/1057242
CCAFS	Dayamba DS, Ky-Dembele C, Bayala J, Dorward P, Clarkson G, Sanogo D, Mamadou LD, Traoré I, Diakité A, Nenkam A, Binam JN, Ouedraogo M, Zougmore R.	Assessment of the use of Participatory Integrated Climate Services for Agriculture (PICSA) approach by farmers to manage climate risk in Mali and Senegal	Climate Services	Yes	NO	https://doi.org/10.1016/j.cliser.2018.07.003
CCAFS	Rattalino Edreira JI, Cassman KG, Hochman Z, van Ittersum MK, van Bussel LG, Claessens L, Grassini P.	Beyond the plot: technology extrapolation domains for scaling out agronomic science	Environmental Research Letters	Yes	Yes	http://doi.org/10.1088/1748-9326/aac092
CCAFS & LIVESTOCK	Núñez J, Arevalo A, Karwat H, Egenolf K, Miles , Chirinda N, Cadisch G, Rasche F, Rao I, Subbarao G, Arango J.	Biological nitrification inhibition activity in a soil-grown biparental population of the forage grass, <i>Brachiaria humidicola</i>	Plant and Soil	No	Yes	https://doi.org/10.1007/s11104-018-3626-5
CCAFS & PIM	Ruane AC, Antle J, Elliott J, Folberth C, Hoogenboom G, Mason-D'Croz D, Müller C, Porter C, Phillips MM, Raymundo RM, Sands R, Valdivia RO, White JW, Wiebe K, Rosenzweig C.	Biophysical and economic implications for agriculture of +1.5° and +2.0°C global warming using AgMIP Coordinated Global and Regional Assessments	Climate Research	Yes	Yes	https://doi.org/10.3354/cr01520
CCAFS	Loboguerrero AM, Boshell F, León G, Martinez-Baron D, Giraldo D, Mejía LR, Diaz E, Cock, J.	Bridging the gap between climate science and farmers in Colombia	Climate Risk Management	Yes	Yes	http://doi.org/10.1016/j.crm.2018.08.001
CCAFS	Totin E, Butler JR, Sidibe A, Partey S, Thornton PK, Tabo R.	Can scenario planning catalyse transformational change? Evaluating a climate change policy case study in Mali	Futures	Yes	Yes	https://doi.org/10.1016/j.futures.2017.11.005
CCAFS	Abdulai I, Jassogne L, Graefe S, Asare R, Van Asten P, Läderach P, Vaast P.	Characterization of cocoa production, income diversification and shade tree management along a climate gradient in Ghana	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0195777
CCAFS	Farrell AD, Rhiney K, Eitzinger A, Umaharan P.	Climate adaptation in a minor crop species: is the cocoa breeding network prepared for climate change?	Agroecology and Sustainable Food Systems	Yes	Yes	https://doi.org/10.1080/21683565.2018.1448924

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CCAFS	Boone RB, Conant RT, Sircely J, Thornton PK, Herrero M.	Climate change impacts on selected global rangeland ecosystem services	Global Change Biology	No	Yes	https://doi.org/10.1111/gcb.13995
CCAFS	Mubiru DN, Radeny M, Kyazze FB, Zziwa A, Lwasa J, Kinyangi J, Mungai C.	Climate trends, risks and coping strategies in smallholder farming systems in Uganda	Climate Risk Management	Yes	Yes	https://doi.org/10.1016/j.crm.2018.08.004
CCAFS	Herrera C, Ruben R, Dijkstra G.	Climate variability and vulnerability to poverty in Nicaragua	Journal of Environmental Economics and Policy	Yes	Yes	https://doi.org/10.1080/21606544.2018.1433070
CCAFS	Ayal DY, Radeny M, Desta S, Gebru G.	Climate variability, perceptions of pastoralists and their adaptation strategies: Implications for livestock system and diseases in Borana zone	International Journal of Climate Change Strategies and Management	Yes	Yes	https://doi.org/10.1108/IJCCSM-06-2017-0143
CCAFS	Ayanlade A, Radeny M, Akin-Onigbinde Al.	Climate variability/change and attitude to adaptation technologies: A pilot study among selected rural farmers' communities in Nigeria	GeoJournal	Yes	Yes	https://doi.org/10.1007/s10708-017-9771-1
CCAFS	Ouedraogo I, Diouf NS, Ouédraogo M, Ndiaye O, Zougmore RB.	Closing the Gap between Climate Information Producers and Users: Assessment of Needs and Uptake in Senegal	Climate	Yes	Yes	http://doi.org/10.3390/cli6010013
CCAFS & FTA	Abdulai I, Vaast P, Hoffmann MP, Asare R, Jassogne L, van Asten P, Rotter RP, Graefe S.	Cocoa agroforestry is less resilient to sub-optimal and extreme climate than cocoa in full sun	Global Change Biology	No	Yes	http://doi.org/10.1111/gcb.13885
CCAFS	Kasampalis DA, Alexandridis TK, Deva C, Challinor A, Moshou D, Zalidis G.	Contribution of Remote Sensing on Crop Models: A Review	Journal of Imaging	Yes	Yes	https://doi.org/10.3390/jimaging4040052
CCAFS	Owuor SO, Butterbach-Bahl K, Guzha AC, Jacobs S, Merbold L, Rufino MC, Pelster DE, Díaz-Pinés E, Breuer L.	Conversion of natural forest results in a significant degradation of soil hydraulic properties in the highlands of Kenya	Soil and Tillage Research	No	Yes	https://doi.org/10.1016/j.still.2017.10.003
CCAFS	Beveridge L, Whitfield S, Challinor A.	Crop modelling: towards locally relevant and climate-informed adaptation	Climatic Change	Yes	Yes	https://doi.org/10.1007/s10584-018-2160-z
CCAFS	Montesino-San Martin M, Wallach D, Olesen JE, Challinor AJ, Hoffman MP, Koehler AK, Rötter RP, Porter JR.	Data requirements for crop modelling—Applying the learning curve approach to the simulation of winter wheat flowering time under climate change	European Journal of Agronomy	No	Yes	https://doi.org/10.1016/j.eja.2018.02.003
CCAFS	Trinh TQ, Rañola Jr RF, Camacho LD, Simelton E.	Determinants of farmers' adaptation to climate change in agricultural production in the central region of Vietnam	Land Use Policy	No	Yes	https://doi.org/10.1016/j.landusepol.2017.10.023
CCAFS	Mango N, Makate C, Francesconi N, Jager M, Lundy M.	Determinants of market participation and marketing channels in smallholder groundnut farming : A case of Mudzi district , Zimbabwe	African Journal of Science, Technology, Innovation and Development	Yes	Yes	https://doi.org/10.1080/20421338.2018.1457274
CCAFS	Partey ST, Zougmore RB, Ouédraogo M, Campbell BM.	Developing climate-smart agriculture to face climate variability in West Africa: challenges and lessons learnt	Journal of cleaner Production	Yes	Yes	https://doi.org/10.1016/j.jclepro.2018.03.199
CCAFS	Chen M, Wichmann B, Luckert M, Winowiecki L, Förch W, Läderach P.	Diversification and intensification of agricultural adaptation from global to local scales	Plos One	Yes	Yes	http://doi.org/10.1371/journal.pone.0196392
CCAFS	Tall A, Coulibaly JY, Diop M.	Do climate services make a difference? A review of evaluation methodologies and practices to assess the value of climate information services for farmers: Implications for Africa	Climate Services	Yes	Yes	https://doi.org/10.1016/j.cliser.2018.06.001

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CCAFS	Hariharan VK, Mittal S, Rai M, Agarwal T, Kalvaniya KC, Stirling CM, Jat ML.	Does climate-smart village approach influence gender equality in farming households? A case of two contrasting ecologies in India	Climatic Change	Yes	Yes	https://doi.org/10.1007/s10584-018-2321-0
CCAFS	Omotilewa OJ, Ricker-Gilbert J, Ainembabazi JH, Shively GE.	Does improved storage technology promote modern input use and foodsecurity? Evidence from a randomized trial in Uganda	Journal of Development Economics	Yes	Yes	https://doi.org/10.1016/j.jdeveco.2018.07.006
CCAFS	Nyawade SO, Karanja NN, Gachene CKK, Schulte-Geldermann E, Parker M.	Effect of potato hilling on soil temperature, soil moisture distribution and sediment yield on a sloping terrain	Soil and Tillage Research	No	Yes	https://doi.org/10.1016/i.still.2018.06.008
CCAFS	Muller A, Mora V, Rojas E, Díaz J, Fuentes O, Giron E, Gaytan A, van Etten J.	Emergency drills for agricultural drought response: a case study in Guatemala	Disasters	Yes	Yes	https://doi.org/10.1111/disa.12316
CCAFS	Chen Z, Lin S, Yao Z, Zheng X, Gschwendtner S, Schloterd M, Liu M, Zhangb Y, Butterbach-Bahl A, Dannenmann M.	Enhanced nitrogen cycling and N2O loss in water-saving ground cover rice production systems (GCRPS)	Soil Biology and Biochemistry	No	Yes	https://doi.org/10.1016/i.soilbio.2018.02.015
CCAFS	Dinku T, Thomson MC, Cousin R, del Corral J, Ceccato P, Hansen J, Connor SJ.	Enhancing National Climate Services (ENACTS) for development in Africa	Climate and Development	No	Yes	https://doi.org/10.1080/17565529.2017.1405784
CCAFS	Lambert MJ, Sibiry Traoré PC, Blaes X, Baret P, Defourny P.	Estimating smallholder crops production at village level from Sentinel-2 time series in Mali's cotton belt	Remote Sensing of Environment	Yes	Yes	https://doi.org/10.1016/i.rse.2018.06.036
CCAFS	Mathison C, Deva C, Falloon P, Challinor AJ.	Estimating sowing and harvest dates based on the Asian summer monsoon	Earth System Dynamics	Yes	Yes	https://doi.org/10.5194/esd-9-563-2018
CCAFS	Kanter DR, Musumba M, Wood SLR, Palm C, Antle J, Balvanera P, Dale VH, Havlik P, Kline KL, Scholes RJ, Thornton P, Tittmonell P, Andelman S.	Evaluating agricultural trade-offs in the age of sustainable development	Agricultural Systems	No	Yes	https://doi.org/10.1016/i.agry.2016.09.010
CCAFS	Zougmore RB, Partey ST, Ouédraogo M, Torquebiau E, Campbell BM.	Facing climate variability in sub-Saharan Africa: analysis of climate-smart agriculture opportunities to manage climate-related risks	Cahiers Agriculture	Yes	Yes	https://doi.org/10.1051/cagri/2018019
CCAFS	Makate C, Makate M, Mango N.	Farm household typology and adoption of climate-smart agriculture practices in smallholder farming systems of southern Africa	African Journal of Science, Technology, Innovation and Development	Yes	NO	https://doi.org/10.1080/20421338.2018.1471027
CCAFS	Ouédraogo M, Barry S, Zougmore RB, Partey ST, Somé L, Baki G.	Farmers' Willingness to Pay for Climate Information Services: Evidence from Cowpea and Sesame Producers in Northern Burkina Faso	Sustainability	Yes	Yes	http://doi.org/10.3390/su10030611
CCAFS	Ronner E, Descheemaeker K, Almekinders CJM, Ebanyat P, Giller KE.	Farmers' use and adaptation of improved climbing bean production practices in the highlands of Uganda	Agriculture, Ecosystems and Environment	Yes	Yes	http://doi.org/10.1016/i.agee.2017.09.004
CCAFS	Lan L, Sain G, Czaplicki S, Guerten N, Shikuku KM, Grosjean G, Läderach P.	Farm-level and community aggregate economic impacts of adopting climate smart agricultural practices in three mega environments	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0207700
CCAFS	Caron P, Ferrero y de Loma-Orsorio G, Nabarro D, Hainzelin E, Guillou M, Andersen I, Arnold T, Astralaga M, Beukeboom M, Bickersteth S, Bwalya M, Caballero P, Campbell BM, Divine N, Fan S, Frick M, Friis A, Gallagher M, Halkin JP, Hanson C, Lasbennes F, Ribera T, Rockstrom J, Schuepbach M, Steer A, Tutwiler A, Verburg G.	Food systems for sustainable development: proposals for a profound four-part transformation	Agronomy for Sustainable Development	Yes	Yes	https://doi.org/10.1007/s13593-018-0519-1

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CCAFS	Whitfield S, Challinor AJ, Rees RM.	Frontiers in Climate Smart Food Systems: Outlining the Research Space	Frontiers in Sustainable Food Systems	Yes	NO	https://doi.org/10.3389/fsufs.2018.00002
CCAFS	Imbach P, Chou SC, Lyra A, Rodrigues D, Rodriguez D, Latinovic D, Siqueira G, Silva A, Garofolo L, Georgiou S.	Future climate change scenarios in Central America at high spatial resolution	PLoS One	Yes	Yes	https://doi.org/10.1371/journal.pone.0193570
CCAFS	Tavener K, Crane TA.	Gender power in Kenyan dairy: Cows, commodities, and commercialization	Agriculture and Human Values	No	Yes	https://doi.org/10.1007/s10460-018-9867-3
CCAFS	Tavener K, Fraval S, Omondi I, Crane TA.	Gendered reporting of household dynamics in the Kenyan dairy sector: Trends and implications for low emissions dairy development	Gender, Technology and Development	No	Yes	https://doi.org/10.1080/09718524.2018.1449488
CCAFS	Godde CM, Garnett T, Thornton PK, Ash AJ, Herrero M.	Grazing systems expansion and intensification: Drivers, dynamics, and trade-offs	Global Food Security	No	Yes	https://doi.org/10.1016/j.gfs.2017.11.003
CCAFS	Totin E, Roncolic C, Traore PS, Somdad J, Zougmore R.	How does institutional embeddedness shape innovation platforms? A diagnostic study of three districts in the Upper West Region of Ghana.	NJAS - Wageningen Journal of Life Sciences	Yes	Yes	http://doi.org/10.1016/j.njas.2017.07.002
CCAFS	Torquebiau E, Rosenzweig C, Chatrchyan AM, Andrieu N, Khosla R.	Identifying Climate-smart agriculture research needs	Cahiers Agriculture	Yes	Yes	https://doi.org/10.1051/cagri/2018010
CCAFS	Sapkota TB, Aryal JP, Khatri-Chhetri A, Shirsath PB, Arumugam P, Stirling CM.	Identifying high-yield low-emission pathways for the cereal production in South Asia	Mitigation and Adaptation Strategies for Global Change	Yes	Yes	https://doi.org/10.1007/s11027-017-9752-1
CCAFS	Hebinck A, Vervoort JM, Hebinck P, Rutting L, Galli F.	Imagining transformative futures: participatory foresight for food systems change	Ecology and Society	Yes	Yes	https://doi.org/10.5751/ES-10054-230216
CCAFS	Ndung'u PW, Bebe BO, Ondiek JO, Butterbach-Bahl K, Merbold L, Goopy JP.	Improved region-specific emission factors for enteric methane emissions from cattle in smallholder mixed crop: Livestock systems of Nandi County, Kenya	Animal Production Science	Yes	Yes	https://doi.org/10.1071/AN17809
CCAFS	Challinor AJ, Müller C, Asseng S, Deva C, Nicklin KJ, Wallach D, Vanuytrecht E, Whitfield S, Ramirez-Villegas J, Koehler AK.	Improving the use of crop models for risk assessment and climate changeadaptation	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2017.07.010
CCAFS	Totin E, Segnon AC, Schut M, Affognon H, Zougmore RB, Rosenstock T, Thornton PK.	Institutional Perspectives of Climate-Smart Agriculture: A Systematic Literature Review	Sustainability	Yes	Yes	https://doi.org/10.3390/su10061990
CCAFS	Thornton PK, Kristjanson P, Förch W, Barahona C, Cramer L, Pradhan S.	Is agricultural adaptation to global change in lower-income countries on track to meet the future food production challenge?	Global Environmental Change	Yes	Yes	https://doi.org/10.1016/j.gloenvcha.2018.06.003
CCAFS	Woolf D, Solomon D, Lehmann J.	Land restoration in food security programmes: synergies with climate change mitigation	Climate Policy	Yes	Yes	https://doi.org/10.1080/14693062.2018.1427537
CCAFS	Wanyama I, Rufino MC, Pelster DE, Wanyama G, Atzberger C, van Asten P, Verchot LV, Butterbach-Bahl K.	Land-use, land-use history and soil type affect soil greenhouse gas fluxes from agricultural landscapes of the East African highlands	Journal of Geophysical Research: Biogeosciences	Yes	Yes	https://doi.org/10.1002/2017JG003856
CCAFS	Kurgat BK, Stöber S, Mwonga S, Lotze-Campen H, Rosenstock TS.	Livelihood and climate trade-offs in Kenyan peri-urban vegetable production	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2017.10.003
CCAFS	Liebig T, Babin R, Ribeyre F, Läderach P, van Asten P, Poehling HM, Jassogne L, Cilas C, Avelino J.	Local and regional drivers of the African coffee white stem borer (<i>Monochamus leuconotus</i>) in Uganda	Agricultural and Forest Entomology	Yes	Yes	https://doi.org/10.1111/afe.12284

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CCAFS	Gram G, Vaast P, van der Wolf J, Jassogne L.	Local tree knowledge can fast-track agroforestry recommendations for coffee smallholders along a climate gradient in Mount Elgon, Uganda	Agroforestry Systems	Yes	Yes	https://doi.org/10.1007/s10457-017-0111-8
CCAFS	Karwat H, Egenolf K, Nuñez J, Rao I, Rasche F, Arango J, Moreta D, Arevalo A, Cadisch G.	Low 15N Natural Abundance in Shoot Tissue of Brachiaria humidicola Is an Indicator of Reduced N Losses Due to Biological Nitrification Inhibition (BNI)	Frontiers in Microbiology	Yes	Yes	https://doi.org/10.3389/fmicb.2018.02383
CCAFS	Mango N, Mapemba L, Tchale H, Makate C, Dunjana N, Lundy M.	Maize value chain analysis: A case of smallholder maize production and marketing in selected areas of Malawi and Mozambique	Cogent Business & Management	Yes	Yes	http://doi.org/10.1080/23311975.2018.1503220
CCAFS	Wanyama I, Pelster DE, Arias-Navarro C, Butterbach-Bahl K, Verchot LV, Rufino MC.	Management intensity controls soil N2O fluxes in an Afromontane ecosystem	Science of The Total Environment	Yes	Yes	https://doi.org/10.1016/j.scitotenv.2017.12.081
CCAFS	Malmborg K, Sinare H, Enfors Kautsky E, Ouedraogo I, Gordon LJ.	Mapping regional livelihood benefits from local ecosystem services assessments in rural Sahel	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0192019
CCAFS	Rutten M, Achterbosch TJ, de Boer IJM, Crespo Cuaresma J, Geleijnse JM, Havlik P, Heckelet T, Ingram J, Leip A, Marette S, van Meijl H, Soler LG, Swinnen J, van't Veer P, Vervoort J, Zimmermann A, Zimmermann KL, Zurek M.	Metrics, models and foresight for European sustainable food and nutrition security: The vision of the SUSFANS project	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2016.10.014
CCAFS	Mittal S, Hariharan VK.	Mobile-based climate services impact on farmers risk management ability in India	Climate Risk Management	Yes	Yes	https://doi.org/10.1016/j.crm.2018.08.003
CCAFS	Wallach D, Martre P, Liu B, Asseng S, Ewert F, Thorburn PJ, van Ittersum M, Aggarwal PK, Ahmed M, Basso B, Biernath C, Cammarano D, Challinor AJ, De Sanctis G, Dumont B, et al.	Multi-model ensembles improve predictions of crop-environment-management interactions	Global Change Biology	Yes	Yes	http://doi.org/10.1111/gcb.14411
CCAFS	Ortiz-Gonzalo D, de Neergaard A, Vaast P, Suárez-Villanueva V, Oelofse M, Rosenstock TS.	Multi-scale measurements show limited soil greenhouse gas emissions in Kenyan smallholder coffee-dairy systems	Science of The Total Environment	Yes	Yes	https://doi.org/10.1016/j.scitotenv.2017.12.247
CCAFS	Richards MB, Wollenberg E, van Vuuren D.	National contributions to climate change mitigation from agriculture: allocating a global target	Climate Policy	Yes	Yes	https://doi.org/10.1080/14693062.2018.1430018
CCAFS	Awio B, Katungi E, Stanley NT, Clare M, Maxwell MG, Gibson P, Rubaihayo P, Edema R.	Participatory farmers' selection of common bean varieties (Phaseolus vulgaris L.) under different production constraints	Plant Breeding	Yes	Yes	http://doi.org/10.1111/pbr.12594
CCAFS	Oduor CO, Karanja N, Onwong'a R, Mureithi S, Pelster D, Nyberg G.	Pasture enclosures increase soil carbon dioxide flux rate in Semi-arid Rangeland, Kenya	Carbon Balance and Management	Yes	Yes	https://doi.org/10.1186/s13021-018-0114-4
CCAFS	Mishra AK, Pede VO, Barboza GA.	Perception of Climate Change and Impact on Land Allocation and Income: Empirical Evidence from Vietnam's Delta Region	Agricultural and Resource Economics Review	Yes	Yes	https://doi.org/10.1017/age.2018.11
CCAFS	Esquivel A, Llanos-Herrera L, Agudelo D, Prager SD, Fernandes K, Rojas A, Valencia JJ, Ramirez-Villegas J.	Predictability of seasonal precipitation across major crop growing areas in Colombia	Climate Services	Yes	Yes	http://doi.org/10.1016/j.cliser.2018.09.001
CCAFS	van Loon MP, Deng N, Grassini P, Rattalino Edreira JI, Wolde-meskel E, Bajjukya F, Marrou H, van Ittersum MK.	Prospect for increasing grain legume crop production in East Africa	European Journal of Agronomy	Yes	Yes	https://doi.org/10.1016/j.eja.2018.09.004
CCAFS	Rumpel C, Amirasiani F, Koutika LS, Smith P, Whitehead D, Wollenberg E.	Put more carbon in soils to meet Paris climate pledges	Nature	Yes	Yes	https://doi.org/10.1038/d41586-018-07587-4

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CCAFS	Ayanlade A, Radeny M, Morton JF, Muchaba T.	Rainfall variability and drought characteristics in two agro-climatic zones: An assessment of climate change challenges in Africa	Science of The Total Environment	Yes	Yes	https://doi.org/10.1016/j.scitotenv.2018.02.196
CCAFS	McKune S, Poulsen L, Russo S, Devereux T, Faas S, McOmber C, Ryley T.	Reaching the end goal: Do interventions to improve climate information services lead to greater food security?	Climate Risk Management	Yes	Yes	https://doi.org/10.1016/j.crm.2018.08.002
CCAFS	Carr ER, Onzere SN.	Really effective (for 15% of the men): Lessons in understanding and addressing user needs in climate services from Mali	Climate Risk Management	Yes	Yes	https://doi.org/10.1016/j.crm.2017.03.002
CCAFS	Yue Q, Ledo A, Cheng K, Albanito F, Lebender U, Sapkota TB, Brentrup F, Stirling CM, Smith P, Sun J, Pan G, Hillier J.	Re-assessing nitrous oxide emissions from croplands across Mainland China	Agriculture, Ecosystems and Environment	No	Yes	https://doi.org/10.1016/j.agee.2018.09.003
CCAFS	Hummel M, Hallahan BF, Brychkova G, Ramirez-Villegas J, Guwela V, Chataika B, Curley E, McKeown PC, Morrison L, Talsma EF, Beebe S, Jarvis A, Chirwa R, Spillane C.	Reduction in nutritional quality and growing area suitability of common bean under climate change induced drought stress in Africa	Scientific Reports	Yes	Yes	http://doi.org/10.1038/s41598-018-33952-4
CCAFS	Wernersson J.	Rethinking identity in adaptation research: Performativity and livestock keeping practices in the Kenyan drylands	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2018.02.010
CCAFS	Eitzinger A, Binder CR, Meyer MA.	Risk perception and decision-making : do farmers consider risks from climate change?	Climatic Change	Yes	Yes	http://doi.org/10.1007/s10584-018-2320-1
CCAFS	Westermann O, Forch W, Thornton P, Korner J, Cramer L, Campbell Bruce.	Scaling up agricultural interventions: Case studies of climate-smart agriculture	Agricultural Systems	No	Yes	http://doi.org/10.1016/j.agsy.2018.07.007
CCAFS	van Huysen T, Hansen J, Tall A.	Scaling up climate services for smallholder farmers: Learning from practice	Climate Risk Management	Yes	Yes	https://doi.org/10.1016/j.crm.2018.10.002
CCAFS	Gbegbelegbe S, Serem J, Stirling C, Kyazze F, Radeny M, Misiko M, Tongruksawattana S, Nafula L, Gakii M, Sonder K.	Smallholder farmers in eastern Africa and climate change: a review of risks and adaptation options with implications for future adaptation programmes	Climate and Development	No	Yes	https://doi.org/10.1080/17565529.2017.1374236
CCAFS	Martinez-Baron D, Orjuela G, Renzoni G, Loboguerrero AM, Prager SD.	Small-scale farmers in a 1.5oC future: The importance of local social dynamics as an enabling factor for implementation and scaling of climate-smart agriculture	Current Opinion in Environmental Sustainability	Yes	Yes	https://doi.org/10.1016/j.cosust.2018.02.013
CCAFS	Shah T, Rajan A, Rai GP, Verma S, Durga N.	Solar pumps and South Asia's energy-groundwater nexus: exploring implications and reimagining its future	Environmental Research Letters	Yes	Yes	http://doi.org/10.1088/1748-9326/aae53f
CCAFS	Frank S, Beach R, Havlik P, Valin H, Herrero M, Mosnier A, Hasegawa T, Creason J, Ragnauth S, Obersteiner M.	Structural change as a key component for agricultural non-CO2 mitigation efforts	Nature Communications	Yes	Yes	https://doi.org/10.1038/s41467-018-03489-1
CCAFS	Nyawade S, Karanja N, Gachene C, Parker M, Schulte-Geldermann E.	Susceptibility of soil organic matter fractions to soil erosion under potato-legume intercropping systems in central Kenya	Journal of soil and Water Conservation	Yes	Yes	http://doi.org/10.2489/jswc.73.5.567
CCAFS	Wairegia LWI, Bennett M, Nziguheba G, Mawanda A, de los Rios C, Ampaire E, Jassogne L, Pali P, Mukasa D, van Astenc PJA.	Sustainably improving Kenya's coffee production needs more participation of younger farmers with diversified income	Journal of Rural Studies	No	Yes	https://doi.org/10.1016/j.jrurstud.2018.07.009
CCAFS	Nelson WCD, Hoffmann MP, Vadez V, Roetter RP, Whitbread AM.	Testing pearl millet and cowpea intercropping systems under high temperatures	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.12.014

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CCAFS	Henderson B, Cacho O, Thornton P, van Wijk M, Herrero M.	The economic potential of residue management and fertilizer use to address climate change impacts on mixed smallholder farmers in Burkina Faso	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2018.09.012
CCAFS	Martre P, Kimball BA, Ottman MJ, Wall GW, White JW, Asseng S, Ewert F, Cammarano D, Maiorano A, Aggarwal PK, Anothai J, De Sanctis G, Doltra J, Dumont B, Fereres E, Garcia-Vila M, et al.	The Hot Serial Cereal Experiment for modeling wheat response to temperature: field experiments and AgMIP-Wheat multi-model simulations	Open Data Journal for Agricultural Research	Yes	NO	https://doi.org/10.18174/odjar.v4i0.15830
CCAFS	Deppermann A, Havlik P, Valin H, Boere E, Herrero M, Vervoort J, Mathijs E.	The market impacts of shortening feed supply chains in Europe	Food Security	Yes	Yes	https://doi.org/10.1007/s12571-018-0868-2
CCAFS	Mango N, Makate C, Mapemba L, Sopo M.	The role of crop diversification in improving household food security in central Malawi	Agriculture & Food Security	Yes	NO	https://doi.org/10.1186/s40066-018-0160-x
CCAFS	Vermeulen S, Dinesh D, Howden SM, Cramer L, Thornton PK.	Transformation in Practice: A Review of Empirical Cases of Transformational Adaptation in Agriculture Under Climate Change	Frontiers in Sustainable Food Systems	Yes	NO	https://doi.org/10.3389/fsufs.2018.00065
CCAFS	Challinor AJ, Adger WN, Benton TG, Conway D, Joshi M, Frame D.	Transmission of climate risks across sectors and borders	Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences	Yes	Yes	https://doi.org/10.1098/rsta.2017.0301
CCAFS	Avinash K, Deb PB, Kuhu K, Aggarwal PK.	Unfolding government policies towards the development of climate smart agriculture in India	Agricultural Economics Research Review	No	No	http://doi.org/10.5958/0974-0279.2018.00028.9
CCAFS	Campbell BM, Hansen J, Rioux J, Stirling CM, Twomlow S, Wollenberg E.	Urgent action to combat climate change and its impacts (SDG 13): transforming agriculture and food systems	Current Opinion in Environmental Sustainability	Yes	Yes	https://doi.org/10.1016/j.cosust.2018.06.005
CCAFS	Dwivedi SL, Siddique KHM, Farooq M, Thornton PK, Ortiz R.	Using biotechnology-led approaches to uplift cereal and food legume yields in dryland environments	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2018.01249
CCAFS	Wichern J, van Heerwaarden J, de Bruin S, Descheemaeker K, van Asten PJA, Giller KE, van Wijk MT.	Using household survey data to identify large-scale food security patterns across Uganda	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0208714
CCAFS	Prathapar SA, Rajmohan N, Sharma BR, Aggarwal P.	Vertical drains to minimize duration of seasonal waterlogging in Eastern Ganges Basin flood plains: a field experiment	Natural Hazards	No	Yes	http://doi.org/10.1007/s11069-018-3188-0
CCAFS	Feliciano D, Ledo A, Hillier J, Nayak DR.	Which agroforestry options give the greatest soil and above ground carbon benefits in different world regions?	Agriculture, Ecosystems and Environment	Yes	Yes	https://doi.org/10.1016/j.agee.2017.11.032
CCAFS & FTA	Carter S, Arts B, Giller KE, Gholcher CS, Kok K, de Koning J, van Noordwijk M, Reidsma P, Rufino MC, Salvini G, Verchot L, Wollenberg E, Herold M.	Climate-smart land use requires local solutions, transdisciplinary research, policy coherence and transparency	Carbon Management	Yes	Yes	https://doi.org/10.1080/17583004.2018.1457907
CCAFS & FTA	Rahn Eric, Vaast P, Läderach P, Van Asten P, Jassogne L, Ghazoul J.	Exploring adaptation strategies of coffee production to climate change using a process-based model	Ecological Modelling	Yes	Yes	https://doi.org/10.1016/j.ecolmodel.2018.01.009
CCAFS & FTA	Delaney A, Evans T, McGreevy J, Blekking J, Schlachter T, Korhonen-Kurki K, Tamás PA, Crane TA, Eakin H, Förch W, Jones L, Nelson DR, Oberlack C, Purdon M, Rist S.	Governance of food systems across scales in times of social-ecological change: a review of indicators	Food Security	No	Yes	https://doi.org/10.1007/s12571-018-0770-y

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CCAFS & FTA	Bukomeko H, Jassogne L, Kagezi GH, Mukasa D, Vaast P.	Influence of shaded systems on <i>Xylosandrus compactus</i> infestation in Robusta coffee along a rainfall gradient in Uganda	Agriculture and Forest Entomology	Yes	Yes	https://doi.org/10.1111/afe.12265
CCAFS & GENE BANKS & RICE	Halewood M, Lopez Noriega I, Ellis D, Roa C, Rouard M, Hamilton RS.	Using Genomic Sequence Information to Increase Conservation and Sustainable Use of Crop Diversity and Benefit-Sharing	Biopreservation and Biobanking	Yes	Yes	https://doi.org/10.1089/bio.2018.0043
CCAFS & GLDC	Adam M, Dzotsi KA, Hoogenboom G, Traore PCS, Porter CH, Rattunde HFW, Nebie B, Leiser WL, Weltzien E, Jones JW.	Modelling varietal differences in response to phosphorus in West African sorghum	European Journal of Agronomy	No	Yes	https://doi.org/10.1016/j.eja.2018.04.001
CCAFS & GLDC	Thiombiano BA, Ouédraogo D, Bao Le Q, Odai SN.	Role of climate change awareness in sustainable soil nutrient management by smallholder farms in Burkina Faso	African Journal of Agricultural Research	Yes	No	http://doi.org/10.5897/AJAR2017.12939
CCAFS & LIVESTOCK	Fravala S, Hammond J, Lannerstad M, Oosting SJ, Sayula G, Teufel N, Silvestri S, Poole EJ, Herrero M, van Wijk MT.	Livelihoods and food security in an urban linked, high potential region of Tanzania: Changes over a three year period	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2017.10.013
CCAFS & MAIZE	Parihar CM, Parihar MD, Sapkota TB, Nanwal RK, Singh AK, Jat SL, Nayak HS, Mahala DM, Singh LK, Kakraliya SK, Stirling CM, Jat ML.	Long-term impact of conservation agriculture and diversified maize rotations on carbon pools and stocks, mineral nitrogen fractions and nitrous oxide fluxes in inceptisol of India	Science of the Total Environment	No	Yes	https://doi.org/10.1016/j.scitotenv.2018.05.405
CCAFS & PIM	Godfray, H. Charles J.; Springmann, Marco; Robinson, Sherman; Scarborough, Peter; Mason-D'Croz, Daniel; Wiebe, Keith D.; Rayner, Mike	Health-motivated taxes on red and processed meat: A modelling study on optimal tax levels and associated health impacts	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0204139
CCAFS	Dunnett A, Shirsath PB, Aggarwal PK, Thornton P, Joshi PK, Pal BD, Khatri-Chhetri A, Ghosh J.	Multi-objective land use allocation modelling for prioritizing climate-smart agricultural interventions	Ecological Modelling	Yes	Yes	https://doi.org/10.1016/j.ecolmodel.2018.04.008
CCAFS & PIM	Springmann M, Clark M, Mason-D'Croz D, Wiebe K, Leon Bodirsky B, Lassaletta L, de Vries W, Vermeulen SJ, Herrero M, Carlson KM, Jonell M, Troell M, DeClerck F, Gordon LJ, Zurayk R, Scarborough P, Rayner M, Loken B, Fanzo J, Godfray HJ, Tilman D, Rockstrom J, Willett W.	Options for keeping the food system within environmental limits	Nature	Yes	Yes	https://doi.org/10.1038/s41586-018-0594-0
CCAFS & PIM	Hasegawa T, Fujimori S, Hvilik P, Valin H, Bodirsky BL, Doelman JC, Fellmann T, Kyle P, Koopman JFL, Lotze-Campen H, et al.	Risk of increased food insecurity under stringent global climate change mitigation policy	Nature Climate Change	No	Yes	https://doi.org/10.1038/s41586-018-0230-x
CCAFS & PIM	Wiebe K, Zurek M, Lord S, Brzezina N, Gabrielyan G, Libertini J, Loch A, Thapa-Parajuli R, Vervoort J, Westhoek H.	Scenario Development and Foresight Analysis: Exploring Options to Inform Choices	Annual Review of Environment and Resources	No	Yes	https://doi.org/10.1146/annurev-environ-102017-030109
CCAFS & PIM & RICE	Hellin J, Ratner BD, Meinen-Dick R, Lopez-Ridaura S.	Increasing social-ecological resilience within small-scale agriculture in conflict-affected Guatemala	Ecology and Society	Yes	Yes	https://doi.org/10.5751/ES-10250-230305
CCAFS & RICE	Ramirez-Villegas J, Heinemann AB, Pereira de Castro A, Breseghello F, Navarro Racines C, Li T, Rebolledo MC, Challinor AJ.	Breeding implications of drought stress under future climate for upland rice in Brazil	Global Change Biology	Yes	Yes	https://doi.org/10.1111/gcb.14071
CCAFS & RICE	Tariq A, de Neergaard A, Stoumann Jensen L, Sander BO, Trinh MV, Vu QD, Wassmann R, de Tourdonnet S.	Co-design and assessment of mitigation practices in rice production systems: A case study in northern Vietnam	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2018.08.012

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CCAFS & RICE	Sander BO, Samson M, Sanchez PB, Valencia KP, Demafelix EAM, Buresh RJ.	Contribution of fallow periods between rice crops to seasonal GHG emissions: effect of water and tillage management	Soil Science and Plant Nutrition	No	Yes	https://doi.org/10.1080/00380768.2018.1440937
CCAFS & RICE	Dinesh D, Zougmore R, Vervoort J, Totin E, Thornton P, Solomon D, Shirsath, P, Pede V, Lopez Noriega I, Läderach P, Körner J, Hegger D, Girvetz E, Friis A, Driessen P, Campbell BM.	Facilitating Change for Climate-Smart Agriculture through Science-Policy Engagement	Sustainability	Yes	Yes	http://doi.org/10.3390/su10082616
CCAFS & RICE	Wassmann R, Alberto M.C, Tirol-Padre A, Hoang NT, Romasanta R, Centeno CA, Sander BO.	Increasing sensitivity of methane emission measurements in rice through deployment of 'closed chambers' at nighttime	PLOS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0191352
CCAFS & RICE	Vo, Thi Bach Thuong, Reiner Wassmann, Agnes Tirol-Padre, Van Phuong Cao, Ben MacDonald, Maria Victoria O. Espaldon and Bjoern Ole Sander	Methane emission from rice cultivation in different agro-ecological zones of the Mekong river delta: seasonal patterns and emission factors for baseline water management	Soil Science and Plant Nutrition	Yes	Yes	https://doi.org/10.1080/00380768.2017.1413926
CCAFS & RICE	Tariq A, Stoumann Jensen L, Sander BO, de Tourdonnet S, Ambus PL, Thanh PH, Trinh MV, de Neergaard A.	Paddy soil drainage influences residue carbon contribution to methane emissions	Journal of Environmental Management	No	Yes	https://doi.org/10.1016/j.jenvman.2018.07.080
CCAFS & RICE	Halewood M, Chiurugwi T, Sackville Hamilton R, Kurtz B, Marden E, Welch E, Michiels F, Mozafari J, Sabran M, Patron N, Kersey P, Bastow R, Dorius S, Dias S, McCouch S, Powell W.	Plant genetic resources for food and agriculture: opportunities and challenges emerging from the science and information technology revolution	New Phytologist	Yes	Yes	https://doi.org/10.1111/nph.14993
CCAFS & RICE	Tirol-Padre A, Minamikawa K, Tokida T, Wassmann R, Yagi K.	Site-specific feasibility of alternate wetting and drying as a greenhouse gas mitigation option in irrigated rice fields in Southeast Asia: a synthesis	Soil Science and Plant Nutrition	No	Yes	https://doi.org/10.1080/00380768.2017.1409602
CCAFS & RICE	Islam SF, van Groenigen JW, Jensen LS, Sander BO, de Neergaard A.	The effective mitigation of greenhouse gas emissions from rice paddies without compromising yield by early-season drainage	Science of the Total Environment	Yes	Yes	https://doi.org/10.1016/j.scitotenv.2017.09.022
CCAFS & RICE & WHEAT	Aggarwal PK, Jarvis A, Campbell BM, Zougmore RB, Khatri-Chhetri A, Vermeulen SJ, Loboguerrero AM, Sebastian LS, Kinyangi J, Bonilla-Findji O, Radeny M, Recha J, Martinez-Baron D, Ramirez-Villegas J, Huyer S, Thornton P, Wollenberg E, Hansen J, Alvarez-Toro P, Aguilar-Ariza A, Arango-Londoño D, Patiño-Bravo V, Rivera O, Ouedraogo M, Yen BT.	The climate-smart village approach: framework of an integrative strategy for scaling up adaptation options in agriculture	Ecology and Society	Yes	Yes	https://doi.org/10.5751/ES-09844-230114
CCAFS & RTB	Pali PN, Schut M, Kibwika P, Wairegi L, Yami M, van Asten PJA, Manyong VM.	Opportunities and pitfalls for researchers to contribute to the design of evidence-based agricultural policies: lessons from Uganda	International Journal of Agricultural Sustainability	Yes	Yes	http://doi.org/10.1080/14735903.2018.1471830
CCAFS & WHEAT	Aryal JP, Jat ML, Sapkota TB, Khatri-Chhetri A, Kassie M, Rahut DB, Maharjan S.	Adoption of multiple climate-smart agricultural practices in the Gangetic plains of Bihar, India	International Journal of Climate Change Strategies and Management	Yes	Yes	https://doi.org/10.1108/IJCCSM-02-2017-0025
CCAFS & WHEAT	O'Leary GJ, Aggarwal PK, Calderini DF, Connor DJ, Craufurd P, Eigenbrode SD, Han X, Hatfield JL.	Challenges and Responses to Ongoing and Projected Climate Change for Dryland Cereal Production Systems throughout the World	Agronomy	Yes	Yes	https://doi.org/10.3390/agronomy8040034

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CCAFS & WHEAT	Aryal JP, Rahut DB, Jat ML, Maharjan S, Erenstein O.	Factors determining the adoption of laser land leveling in the irrigated rice–wheat system in Haryana, India	Journal of Crop Improvement	No	Yes	https://doi.org/10.1080/15427528.2018.1457584
CCAFS & WHEAT	Millar N, Urrea A, Kahmark K, Shcherbak I, Robertson GP, Ortiz-Monasterio I.	Nitrous oxide (N ₂ O) flux responds exponentially to nitrogen fertilizer in irrigated wheat in the Yaqui Valley, Mexico	Agriculture, Ecosystems and Environment	Yes	Yes	https://doi.org/10.1016/j.agee.2018.04.003
CCAFS & WHEAT	Choudhary M, Sharma PC, Jat HS, Dash A, Rajashekar B, McDonald AJ, Jat ML.	Soil bacterial diversity under conservation agriculture-based cereal systems in Indo-Gangetic Plains	3 Biotech	No	Yes	https://doi.org/10.1007/s13205-018-1317-9
CCAFS & WHEAT	Choudhary M, Jat HS, Datta A, Yadav AK, Sapkota TB, Mondal S, Meena RP, Sharma PC, Jat ML.	Sustainable intensification influences soil quality, biota, and productivity in cereal-based agroecosystems	Applied Soil Ecology	No	Yes	https://doi.org/10.1016/j.apsoil.2018.02.027
CCAFS & WLE	Gumma MK, Thenkabail PS, Deevi KC, Mohammed IA, Teluguntla P, Oliphant A, Xiong J, Aye T, Whitbread AM.	Mapping cropland fallow areas in Myanmar to scale up sustainable intensification of pulse crops in the farming system	GIScience & Remote Sensing	No	Yes	https://doi.org/10.1080/15481603.2018.1482855
CCAFS & WLE	Amarnath G, Simons GWH, Alahacoon N, Smakhtin V, Sharma B, Gismalla Y, Mohammed Y, Andriessen MCM.	Using smart ICT to provide weather and water information to smallholders in Africa: the case of the Gash River Basin, Sudan	Climate Risk Management	Yes	Yes	https://doi.org/10.1016/j.crm.2018.10.001
FISH	Byrd, K.,Dentz, H.N.,Williams, A.,Kiprotich, M.,Pickering, A.J.,Omondi, R.,Kwena, O.,Rao, G.,Arnold, C.D.,Arnold, B.F.,Dewey, K.G.,Colford, J.M. Jr.,Null, C.,Stewart, C.P.	A behaviour change intervention with lipid-based nutrient supplements had little impact on young child feeding indicators in rural Kenya	Maternal & Child Nutrition	Yes	Yes	http://hdl.handle.net/20.500.12348/1329
FISH	Humphries, F.,Benzie, J.A.H.,Morrison, C.	A systematic quantitative literature review of aquaculture genetic resource access and benefit sharing	Reviews in Aquaculture	Yes	Yes	http://hdl.handle.net/20.500.12348/1038
FISH	Wang, P.,Tran, N.,Chan, C.Y.,Dao, D.,Wilson, N.L.W.	An analysis of seafood trade duration: The case of ASEAN	Marine Resource Economics	No	Yes	http://hdl.handle.net/20.500.12348/1752
FISH	Ali, H.,Rahman, M.M.,Rico, A.,Jaman, A.,Basak, S.K.,Islam, M.M.,Khan, N.,Keus, H.J.,Mohan, C.V.	An assessment of health management practices and occupational health hazards in tiger shrimp (<i>Penaeus monodon</i>) and freshwater prawn (<i>Macrobrachium rosenbergii</i>) aquaculture in Bangladesh	Veterinary and Animal Science	Yes	No	http://hdl.handle.net/20.500.12348/714
FISH	Ceccarelli, D.M.,Logan, M.,Purcell, S.W.	Analysis of optimal habitat for captive release of the sea cucumber <i>Holothuria scabra</i>	Marine Ecology Progress Series	Yes	Yes	http://hdl.handle.net/20.500.12348/692
FISH	Joffre, O.M.,Klerkx, L.,Khoa, T.N.D.	Aquaculture innovation system analysis of transition to sustainable intensification in shrimp farming	Agronomy for Sustainable Development	Yes	Yes	http://hdl.handle.net/20.500.12348/698
FISH	Joffre, O.M.,Poortvliet, P.M.,Klerkx, L.	Are shrimp farmers actual gamblers? An analysis of risk perception and risk management behaviors among shrimp farmers in the Mekong Delta	Aquaculture	No	Yes	http://hdl.handle.net/20.500.12348/709
FISH	Islam, M.M.,Islam, N.,Mostafiz, M.,Sunny, A.R.,Keus, H.J.,Karim, M.,Hossain, M.Z.,Sarker, S.	Balancing between livelihood and biodiversity conservation: a model study on gear selectivity for harvesting small indigenous fishes in southern Bangladesh	Zoology and Ecology	No	Yes	http://hdl.handle.net/20.500.12348/688
FISH	Rahman, M.M.,Keus, H.J.,Debnath, P.,Shahrier, M.B.,Sarwer, R.H.,Kudrat-E-Kabir, Q.A.Z.M.,Mohan, C.V.	Benefits of stocking white spot syndrome virus infection free shrimp (<i>Penaeus monodon</i>) post larvae in extensive ghers of Bangladesh	Aquaculture	No	Yes	http://hdl.handle.net/20.500.12348/1037

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FISH	Olsson, P. ; Blythe, J. ; Osterblom, H. ; Eriksson, H. (eds.)	Beyond Social-Ecological Traps: Fostering Transformations Towards Sustainability	Ecology and Society	Yes	Yes	http://hdl.handle.net/20.500.12348/3308
FISH	Agha, S.,Mekkawy, W.,Ibanez-Escriche, N.,Lind, C.E.,Kumar, J.,Mandal, A.,Benzie, J.A.H.,Doeschl-Wilson, A.	Breeding for robustness: Investigating the genotype-by-environment interaction and micro-environmental sensitivity of Genetically Improved Farmed Tilapia (<i>Oreochromis niloticus</i>)	Animal Genetics	Yes	Yes	http://hdl.handle.net/20.500.12348/703
FISH	Lowitt, K. ; Levkoe, C.Z. ; Song, A.M. ; Hickey, G.M. ; Nelson, C.	Broadening the knowledge base of small-scale fisheries through a food systems framework: A case study of the Lake Superior Region	Transdisciplinarity for Small-Scale Fisheries Governance	No	Yes	http://hdl.handle.net/20.500.12348/2901
FISH	Cinner, J.E.,Adger, W.N.,Allison, E.H.,Barnes, M.L.,Brown, K.,Cohen, P.J.,Gelcich, S.,Hicks, C.C.,Hughes, T.P.,Lau, J.,Marshall, N.A.,Morrison, T.H.	Building adaptive capacity to climate change in tropical coastal communities	Nature Climate Change	No	Yes	http://hdl.handle.net/20.500.12348/667
FISH	Rice, M.J.,Apgar, J.M.,Schwarz, A.M.,Saeni, E.,Teioli, H.	Can agricultural research and extension be used to challenge the processes of exclusion and marginalisation?	Journal of Agricultural Education and Extension	No	Yes	http://hdl.handle.net/20.500.12348/1753
FISH	Rahman, M.J.,Wahab, M.A.,Amin, S.M.,Nahiduzzaman, M.,Romano, N.	Catch trend and stock assessment of Hilsa <i>Tenualosa ilisha</i> using digital image measured length-frequency data	Marine and Coastal Fisheries	Yes	Yes	http://hdl.handle.net/20.500.12348/681
FISH	Nasr-Allah, A.M.,Zakar, A.H.	Comparison of technical and economic performance of fresh and salted fish processors in Lake Nasser	Abbassa International Journal for Aquaculture	Yes	No	http://hdl.handle.net/20.500.12348/2662
FISH	Teioli, H.M.,van der Ploeg, J.,Schwarz, A.M.,Sukulu, M.,Eriksson, H.	Conserving womangroves: Assessing the impacts of improved cooking stoves on resource management in Langalanga Lagoon, Solomon Islands	SPC Women in Fisheries Information Bulletin	Yes	No	http://hdl.handle.net/20.500.12348/1092
FISH	Allison, E.H. ; Mills, D.J.	Counting the fish eaten rather than the fish caught	Proceedings of the National Academy of Sciences of the United States of America	Yes	Yes	http://hdl.handle.net/20.500.12348/684
FISH	Marinda, P.A.,Genschick, S.,Khayeka-Wandabwa, C.,Kiwanuka-Lubinda, R.,Thilsted, S.H.	Dietary diversity determinants and contribution of fish to maternal and underfive nutritional status in Zambia	PLoS ONE	Yes	Yes	http://hdl.handle.net/20.500.12348/1755
FISH	Islam, M.M.,Sunny, A.R.,Hossain, M.M.,Friess, D.A.	Drivers of mangrove ecosystem service change in the Sundarbans of Bangladesh	Singapore Journal of Tropical Geography	Yes	Yes	http://hdl.handle.net/20.500.12348/666
FISH	Kabir, K.A.,Schrama, J.W.,Verreth, J.A.J.,Phillips, M.J.,Verdegem, M.C.J.	Effect of dietary protein to energy ratio on performance of Nile tilapia and food web enhancement in semi-intensive pond aquaculture	Aquaculture	No	Yes	http://hdl.handle.net/20.500.12348/1184
FISH	Mozumder, M.M.H.,Wahab, A.,Sarkki, S.,Schneider, P.,Islam, M.M.	Enhancing social resilience of the coastal fishing communities: A case study of hilsa (<i>Tenualosa ilisha</i> H.) fishery in Bangladesh	Sustainability	Yes	Yes	http://hdl.handle.net/20.500.12348/1754
FISH	Genschick, S.,Marinda, P.,Tembo, G.,Kaminski, A.M.,Thilsted, S.H.	Fish consumption in urban Lusaka: The need for aquaculture to improve targeting of the poor	Aquaculture	No	Yes	http://hdl.handle.net/20.500.12348/707
FISH	Rodriguez, U.P.E.,Ramirez, P.J.B.,Zamora, G.J.,Perez, M.L.,Phillips, M.J.	Future scenarios for the supply and demand for fish in the Philippines: Simulations from the Asiafish model	Philippine Agricultural Scientist	No	Yes	http://hdl.handle.net/20.500.12348/2224
FISH	Kleiber, D. ; Harris, L. ; Vincent, A.C.J.	Gender and marine protected areas: a case study of Danajon Bank, Philippines	Maritime Studies	Yes	Yes	http://hdl.handle.net/20.500.12348/2379

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FISH	Chiwaula, L.S.,Chirwa, G.C,Binauli, L.S.,Banda, J.,Nagoli, J.	Gender differences in willingness to pay for capital-intensive agricultural technologies: the case of fish solar tent dryers in Malawi	Agricultural and Food Economics	Yes	No	http://hdl.handle.net/20.500.12348/677
FISH	Aregu, L.,Choudhury, A.,Rajaratnam, S.,Locke, C.,McDougall, M.	Gender norms and agricultural innovation: Insights from six villages in Bangladesh	Journal of Sustainable Development	Yes	No	http://hdl.handle.net/20.500.12348/1090
FISH	Song, A.M.	How to capture small-scale fisheries' many contributions to society? – Introducing the 'Value-Contribution Matrix' and applying it to the case of a swimming crab fishery in South Korea	In: Johnson D., Acott T., Stacey N., Urquhart J. (eds) Social Wellbeing and the Values of Small-scale Fisheries. MARE Publication Series, vol 17. Springer	No	No	http://hdl.handle.net/20.500.12348/2899
FISH	Hamann, M.,Berry, K.,Chaigneau, T.,Curry, T.,Heilmayr, R.,Henriksson, P.J.G.,Hentati-Sundberg, J.,Jina, J.A.,Lindkvist, E.,Lopez-Maldonado, Y.,Nieminen, E.,Piaggio, M.,Qiu, J.X.,Rocha, J.C.,Schill, C.,Shepon, A.,Tilman, A.R.,van den Bijgaart, I.,Wu, T.	Inequality and the Biosphere	Annual Review of Environment and Resources	No	Yes	http://hdl.handle.net/20.500.12348/928
FISH	Jalilur Rahman, M.,Nurul Amin, S.M.,Nahiduzzaman, M.,Wahab, M.A.,Romano, N.	Influence of seasons, habitat sanctuaries, gears and environmental variables on the catches of hilsa shad (Tenulosa ilisha) in Bangladesh waters	Journal of Environmental Biology	Yes	Yes	http://hdl.handle.net/20.500.12348/1187
FISH	Song, A.M.,Bower, S.D.,Onyango, P.,Cooke, S.J.,Akintola, S.L.,Baer, J.,Gurung, T.B.,Hettiarachchi, M.,Islam, M.,Mhlanga, W.,Nunan, F.,Salmi, P.,Singh, V.,Tezzo, X.,Funge-Smith, S.J.,Nayak, P.K.,Chuenpagdee, R.	Intersectorality in the governance of inland fisheries	Ecology and Society	Yes	Yes	http://hdl.handle.net/20.500.12348/695
FISH	Kalita, B.,Pokhrel, H.,Hussain, I.A.,Mohan, C.V.	Kinetics of antibody titers and degree of protection in Indian Major Carps, Catla (Catla catla) and Rohu (Labeo rohita) to Aeromonas hydrophila Antigen	International Journal of Current Microbiology and Applied Sciences	Yes	No	http://hdl.handle.net/20.500.12348/1189
FISH	López-Angarita, J.,Tilley, A.,Hawkins, J.P.,Pedraza, C.,Roberts, C.M.	Land use patterns and influences of protected areas on mangroves of the eastern tropical Pacific	Biological Conservation	No	Yes	http://hdl.handle.net/20.500.12348/983
FISH	Henriksson P.J.G.,Belton, B.,Jahan. K.M.,Rico, A.	Measuring the potential for sustainable intensification of aquaculture in Bangladesh using Life Cycle Assessment	Proceedings of the National Academy of Sciences of the United States of America	Yes	Yes	http://hdl.handle.net/20.500.12348/715
FISH	Riar, Md G.G.,Ara, R.,Amin, S.M.N.,Kamarudin, M.S.,Wahab, M.A.,Raushon, N.A.,Arockiaraj, J.,Arshad, A.	Mouth morphological development of Hilsa (Tenulosa ilisha) larvae collected from Meghna Estuary, Bangladesh	Journal of Environmental Biology	Yes	Yes	http://hdl.handle.net/20.500.12348/1190
FISH	Bottema, M.J.M.,Bush, S.R.,Oosterveer, P.	Moving beyond the shrimp farm: Spaces of shared environmental risk?	The Geographical Journal	Yes	Yes	http://hdl.handle.net/20.500.12348/1282
FISH	Tezzo, X.,Belton, B.,Johnstone, G.,Callow, M.	Myanmar's fisheries in transition: Current status and opportunities for policy reform	Marine Policy	No	Yes	http://hdl.handle.net/20.500.12348/1188
FISH	Alonso-Población, E.,Rodrigues, P.,Wilson, C.,Pereira, M.,Lee, R.U.	Narrative assemblages for power-balanced coastal and marine governance. Tara Bandu as a tool for community-based fisheries co-management in Timor-Leste	Maritime Studies	Yes	Yes	http://hdl.handle.net/20.500.12348/682

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FISH	Cole, S.M.,McDougall, C.,Kaminski, A.M.,Kefi, A.S.,Chilala, A.,Chisule, G.	Postharvest fish losses and unequal gender relations: drivers of the social-ecological trap in the Barotse Floodplain fishery, Zambia	Ecology and Society	Yes	Yes	http://hdl.handle.net/20.500.12348/676
FISH	Akester, M.J.	Productivity and coastal fisheries biomass yields of the northeast coastal waters of the Bay of Bengal Large Marine Ecosystem	Deep Sea Research Part II: Topical Studies in Oceanography	Yes	Yes	http://hdl.handle.net/20.500.12348/1263
FISH	de Verdal, H.,Vandeputte, M.,Mekkawy, W.,Chatain, B.,Benzie, J.A.H.	Quantifying the genetic parameters of feed efficiency in juvenile Nile tilapia <i>Oreochromis niloticus</i>	BMC Genetics	Yes	Yes	http://hdl.handle.net/20.500.12348/2088
FISH	Evans, L.S.,Cohen, P.J.,Vave-Karamui, A.,Masu, R.,Boso, D.,Mauli, S.	Reconciling multiple societal objectives in cross-scale marine governance: Solomon Islands' engagement in the Coral Triangle Initiative	Society and Natural Resources	No	Yes	http://hdl.handle.net/20.500.12348/686
FISH	Song, A.M.,Johnsen, J.P.,Morrison, T.H.	Reconstructing governability: How fisheries are made governable	Fish and Fisheries	No	Yes	http://hdl.handle.net/20.500.12348/687
FISH	van Brakel, M.L.,Nahiduzzaman, M.,Mahfuzul Haque, A.,Golam Mustafa, M.,Jalilur Rahman, M.,Abdul Wahab, M.	Reimagining large-scale open-water fisheries governance through adaptive comanagement in hilsa shad sanctuaries	Ecology and Society	Yes	Yes	http://hdl.handle.net/20.500.12348/693
FISH	Islam, M.M.,Aktar, R.,Nahiduzzaman, M.,Barman, B.K.,Wahab, M.A.	Social considerations of large river sanctuaries: A case study from the hilsa shad fishery in Bangladesh	Sustainability	Yes	Yes	http://hdl.handle.net/20.500.12348/694
FISH	Chiotha, S. ; Jamu, D. ; Nagoli, J. ; Likongwe, P. ; Chanyenga, T. (eds.)	Socio-ecological resilience to climate change in a fragile ecosystem: The Case of the Lake Chilwa Basin, Malawi	London : Routledge, Taylor & Francis Group.	No	No	http://hdl.handle.net/20.500.12348/668
FISH	Hinchliffe, S.,Butcher, A.,Rahman, M.M.	The AMR problem: demanding economies, biological margins, and co-producing alternative strategies	Palgrave Communications	Yes	Yes	http://hdl.handle.net/20.500.12348/2221
FISH	Garza, M.,Mohan, C.V.,Rahman, M.,Wieland, B.,Häsler, B.	The role of infectious disease impact in informing decision-making for animal health management in aquaculture systems in Bangladesh	Preventive Veterinary Medicine	No	Yes	http://hdl.handle.net/20.500.12348/710
FISH	Jansen, M.D.,Ha, T.D.,Mohan, C.V.	Tilapia lake virus: a threat to the global tilapia industry?	Reviews in Aquaculture	Yes	Yes	http://hdl.handle.net/20.500.12348/717
FISH	Avadí, A.,Henriksson, P.J.G.,Vázquez-Rowe, I.,Ziegler, F.	Towards improved practices in Life Cycle Assessment of seafood and other aquatic products	International Journal of Life Cycle Assessment	Yes	Yes	http://hdl.handle.net/20.500.12348/716
FISH	Scholtens, J. ; Song, A.M. ; Stephen, J. ; Chavez, C.G. ; Bavinck, M. ; Sowman, M	Transdisciplinary engagement to address transboundary challenges for small-scale fishers	Transdisciplinarity for Small-Scale Fisheries Governance	No	Yes	http://hdl.handle.net/20.500.12348/3245
FISH	Bower, S.D. ; Song, A.M. ; Onyango, P. ; Cooke, S.J. ; Kolding, J.	Using transdisciplinary research solutions to support governance in inland fisheries	Transdisciplinarity for Small-Scale Fisheries Governance	No	Yes	http://hdl.handle.net/20.500.12348/2900
FISH	McCauley, D.J.,Jablonicky, C.,Allison, E.H.,Golden, C.D.,Joyce, F.H.	Wealthy countries dominate industrial fishing	Science Advances	Yes	Yes	http://hdl.handle.net/20.500.12348/2339
FISH	López-Angarita, J.,Tilley, A.,Díaz, J.M.,Hawkins, J.P.,Cagua, E.F.,Roberts, C.M.	Winners and losers in area-based management of a small-scale fishery in the Colombian Pacific	Frontiers in Marine Science	Yes	No	http://hdl.handle.net/20.500.12348/691
FISH & PIM	Tran, N.,Chu, L.,Chan, C.Y.,Genschick, S.,Phillips, M.J.	Fish supply and demand for food security in Sub-Saharan Africa: An analysis of the Zambian fish sector	Marine Policy	Yes	Yes	https://doi.org/10.1016/j.marpol.2018.11.009

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FTA	Van Vliet, N.	"Bushmeat Crisis" and "Cultural Imperialism" in Wildlife Management? Taking Value Orientations Into Account for a More Sustainable and Culturally Acceptable Wildmeat Sector	Frontiers in Ecology and Evolution	Yes	No	https://doi.org/10.3389/fevo.2018.00112
FTA	Thung, P.H.	A Case Study on the Persistence of Swidden Agriculture in the Context of Post-2015 Anti-Haze Regulation in West-Kalimantan	Human Ecology	Yes	Yes	https://doi.org/10.1007/s10745-018-9969-y
FTA	Geldmann, J., Coad, L., Barnes, M.D., Craigie, I.D., Woodley, S., Balmford, A., Brooks, T.M., Hockings, M., Knights, K., Mascia, M.B., McRae, L., Burgess, N.D.	A global analysis of management capacity and ecological outcomes in terrestrial protected areas	Conservation Letters	Yes	Yes	https://doi.org/10.1111/conl.12434
FTA	Timko, J., Le Billon, P., Zerriffi, H., Honey-Rosés, J., de la Roche, I., Gaston, C., Sunderland, T.C.H., Kozak, R.A.	A policy nexus approach to forests and the SDGs: tradeoffs and synergies	Current Opinion in Environmental Sustainability	No	Yes	https://doi.org/10.1016/j.cosust.2018.06.004
FTA	Austin, K.G., Harris, N.L., Wijaya, A., Murdiyarso, D., Harvey, T.J., Stolle, F., Kasibhatia, P.	A review of land-based greenhouse gas flux estimates in Indonesia	Environmental Research Letters	Yes	Yes	https://doi.org/10.1088/1748-9326/aab531
FTA	Garnett, S.T., Burgess, N.D., Fa, J.E., Fernández-Llamazares, A., Molnár, Z., Robinson, C.J., Watson, J.E.M., Zander, K.K., Austin, B., Brondizio, E.S., Collier, N.F., Duncan, T., Ellis, E., Geyle, H., Jackson, M.V., Jonas, H., Malmer, P., McGowan, B., Sivongxay, A., Leiper, I.	A spatial overview of the global importance of Indigenous lands for conservation	Nature Sustainability	No	Yes	https://doi.org/10.1038/s41893-018-0100-6
FTA	Nguyen, H., Herbohn, J., Lamb, D., Clendenning, J., Meadows, J.	A Synthesis of the Available Evidence to Guide the Design of Mixed-Species Forest Plantings for Smallholder and Community Forestry	Small-scale Forestry	No	Yes	http://doi.org/10.1007/s11842-017-9378-x
FTA	Malkamäki, A., D'Amato, D., Hogarth, N.J., Kanninen, M., Pirard, R., Toppinen, A., Zhou, W.	A systematic review of the socio-economic impacts of large-scale tree plantations, worldwide	Global Environmental Change	Yes	Yes	https://doi.org/10.1016/j.gloenvcha.2018.09.001
FTA	Tagg, N., Maddison, N., Dupain, J., Mcgilchrist, L., Mouamfon, M., McCabe, G., Ngo-Badjeck, M.M., Tchouankep, M., Mbohli, D., Epanda, M.A., Ransom, C., Fa, J.E.	A zoo-led study of the great ape bushmeat commodity chain in Cameroon	International Zoo Yearbook	No	Yes	https://doi.org/10.1111/izy.12175
FTA	Adhikari, S., Baral, H., Nitschke, C.	Adaptation to Climate Change in Panchase Mountain Ecological Regions of Nepal	Environments	Yes	Yes	http://doi.org/10.3390/environments5030042
FTA & CCAFS	Carter, S., Herold, M., Avitabile, V., de Bruin, S., de Vy, S., Kooistra, L., Rufino, M.C.	Agriculture-driven deforestation in the tropics from 1990-2015: emissions, trends and uncertainties	Environmental Research Letters	Yes	Yes	http://doi.org/10.1088/1748-9326/aa9ea4
FTA	Schulze, K., Knights, K., Coad, L., Geldmann, J., Leverington, F., Eassom, A., Marr, M., Butchart, S.H.M., Hockings, M., Burgess, N.D.	An assessment of threats to terrestrial protected areas	Conservation Letters	Yes	Yes	http://doi.org/10.1111/conl.12435
FTA	Ongona, P.T., Lescuyer, G., Schure, J., Lokombe, D.	Analyse de la chaîne de légalité des filières de sciage artisanal et du bois énergie à Kisangani (R.D.C)	Tropicultura	Yes	No	https://www.cifor.org/library/6831/
FTA	Gumucio, T., Alves, D.A.M., Orentlicher, N., Hernández Ceballos, M.C.	Analysis of gender research on forest, tree and agroforestry value chains in Latin America	Forests, Trees and Livelihoods	No	Yes	https://doi.org/10.1080/14728028.2017.1417921
FTA	Hendarto, K.A., Dharmmesta, B.S., Purwanto, B.M., Moeliono, M.	Analyzing consumer participation in boycott movement using the analytical hierarchy process : Indonesia context	Journal of Islamic Marketing	No	No	https://doi.org/10.1108/JIMA-11-2016-0086

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FTA	Brown, M., McLellan, T., Li, H., Karunaratna, S.C.	Applied Mycology Can Contribute to Sustainable Rural Livelihoods: Building upon China's Matsutake Management Initiatives	Environmental Management	No	Yes	https://doi.org/10.1007/s00267-017-0976-3
FTA	Smith, J.R., Ghazoul, J., Burslem, D.F.R.P., Itoh, A., Khoo, E., Lee, S.L., Maycock, C.R., Nanami, S., Siong Ng, K.S., Kettle, C.J.	Are patterns of fine-scale spatial genetic structure consistent between sites within tropical tree species?	PloS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0193501
FTA	Ingram, D.J., Coad, L., Abernethy, K., Maisels, F., Stokes, E.J., Bobo, K.S., Breuer, T., Gandiwa, E., Ghiurghi, A., Greengrass, E., Holmern, et al.	Assessing Africa-Wide Pangolin Exploitation by Scaling Local Data	Conservation Letters	Yes	Yes	http://doi.org/10.1111/conl.12389
FTA	Evariste, F.F., Sonwa, D.J., Victor, K., Claudia, M.	Assessing climate change vulnerability and local adaptation strategies in adjacent communities of the Kribi-Campo coastal ecosystems, South Cameroon	Urban Climate	No	Yes	https://doi.org/10.1016/j.uclim.2017.12.007
FTA	Etongo, D., Kanninen, M., Epule Epule, T., Fobissie, K.	Assessing the effectiveness of joint forest management in Southern Burkina Faso: A SWOT-AHP analysis	Forest Policy and Economics	No	Yes	http://doi.org/10.1016/j.forpol.2018.01.008
FTA	Fisher, M.R., Moeliono, M., Mulyana, A., Yuliani, L., Adriadi, A., Kamaluddin, Judda, J., Sahide, M.A.K.	Assessing the new social forestry project in Indonesia: recognition, livelihood and conservation?	International Forestry Review	Yes	Yes	https://doi.org/10.1505/146554818824063014
FTA	Piponiot, C., Derroire, G., Descroix, L., Mazzei, L., Rutishauser, E., Sist, P., Hérault, B.	Assessing timber volume recovery after disturbance in tropical forests – A new modelling framework	Ecological Modelling	No	Yes	https://doi.org/10.1016/j.ecolmodel.2018.05.023
FTA	Jacobs, S.R., Timbe, E., Weeser, B., Rufino, M.C., Butterbach-Bahl, K., Breuer, L.	Assessment of hydrological pathways in East African montane catchments under different land use	Hydrology and Earth System Sciences	Yes	Yes	https://doi.org/10.5194/hess-22-4981-2018
FTA	Maimunah, S., Rahman, S.A., Samsudin, Y.B., Artati, Y., Simamora, T.I., Andini, S., Lee, S.M., Baral, H.	Assessment of Suitability of Tree Species for Bioenergy Production on Burned and Degraded Peatlands in Central Kalimantan, Indonesia	Land	Yes	Yes	https://doi.org/10.3390/land7040115
FTA	Sharma, R., Wahono, J., Baral, H.	Bamboo as an Alternative Bioenergy Crop and Powerful Ally for Land Restoration in Indonesia	Sustainability	Yes	Yes	https://doi.org/10.3390/su10124367
FTA	Zhao, Y., Feng, D., Jayaraman, D., Belay, D., Sebrala, H., Ngugi, J., Maina, E., Akombo, R., Otuoma, J., Mutyaba, J., Kissa, S.	Bamboo mapping of Ethiopia, Kenya and Uganda for the year 2016 using multi-temporal Landsat imagery	International Journal of Applied Earth Observation and Geoinformation	No	Yes	https://doi.org/10.1016/j.jag.2017.11.008
FTA	Duarte-Guardia, S., Peri, P.L., Amelung, W., Sheil, D., Laffan, S.W., Borchard, N., Bird, M.I., Dieleman, W., Pepper, D.A., Zutta, B., Jobbagy, E., Silva, L.C.R., Bonser, S.P., Berhongaray, G., Piñeiro, G., Martinez, M-J., Cowie, A.L., Ladd, B.	Better estimates of soil carbon from geographical data: a revised global approach	Mitigation and Adaptation Strategies for Global Change	No	Yes	https://doi.org/10.1007/s11027-018-9815-y
FTA	Brandão, F., de Castro, F., Fudemma, C.	Between structural change and local agency in the palm oil sector: Interactions, heterogeneities and landscape transformations in the Brazilian Amazon	Journal of Rural Studies	Yes	Yes	https://doi.org/10.1016/j.jrurstud.2018.09.007
FTA	Bhargava, A.K., Vagen, T., Gassner, A.	Breaking Ground: Unearthing the Potential of High-resolution, Remote-sensing Soil Data in Understanding Agricultural Profits and Technology Use in Sub-Saharan Africa	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2017.07.015
FTA	Clark, R., Reed, J., Sunderland, T.C.H.	Bridging funding gaps for climate and sustainable development: Pitfalls, progress and potential of private finance	Land Use Policy	Yes	Yes	https://doi.org/10.1016/j.landusepol.2017.12.013

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FTA	Zonneveld, M., Loo, J., Maselli, S., Madrid, J.J., Echeverria, J.L.	Bridging molecular genetics and participatory research: how access and benefit-sharing stimulate interdisciplinary research for tropical biology and conservation	Biotropica	No	Yes	https://doi.org/10.1111/btp.12515
FTA	Cornelius, J.P., Miccolis, A.	Can market-based agroforestry germplasm supply systems meet the needs of forest landscape restoration?	New Forests	No	Yes	https://doi.org/10.1007/s11056-018-9639-3
FTA	Muvatsi, P., Kahindo, J.M., Snook, L.K.	Can the production of wild forest foods be sustained in timber concessions? Logging and the availability of edible caterpillars hosted by sapelli (<i>Entandrophragma cylindricum</i>) and tali (<i>Erythrophloeum suaveolens</i>) trees in the Democratic Republic of Congo	Forest Ecology and Management	Yes	Yes	https://doi.org/10.1016/j.foreco.2017.12.028
FTA	Kauffman, J.B., Bernardino, A.F., Ferreira, T.O., Giovannoni, L.R., de O. Gomes, L.E., Romero, D.J., Zayas Jimenez, L.C., Ruiz, F.	Carbon stocks of mangroves and salt marshes of the Amazon region, Brazil	Biology Letters	No	Yes	https://doi.org/10.1098/rsbl.2018.0208
FTA	Saragi-Sasmito, M.F., Murdiyarso, D., June, T., Sasmito, S.D.	Carbon stocks, emissions, and aboveground productivity in restored secondary tropical peat swamp forests	Mitigation and Adaptation Strategies for Global Change	No	Yes	https://doi.org/10.1007/s11027-018-9793-0
FTA	Angelsen, A., Dokken, T.	Climate exposure, vulnerability and environmental reliance: a cross-section analysis of structural and stochastic poverty	Environment and Development Economics	No	Yes	https://doi.org/10.1017/S1355770X18000013
FTA	Wunder, S., Noack, F., Angelsen, A.	Climate, crops, and forests: a pan-tropical analysis of household income generation	Environment and Development Economics	No	Yes	https://doi.org/10.1017/S1355770X18000116
FTA	de Jong, W., Pokorny, B., Katila, P., Galloway, G., Pacheco, P.	Community Forestry and the Sustainable Development Goals: A Two Way Street	Forests	Yes	Yes	https://doi.org/10.3390/f9060331
FTA	Mitchodigni I.M., Hounkpatin W.A., Ntandou-Bouzitou G., Termote C., Bodjrenou F.S.U., Mutanen M., Hounhouigan D.J.	Comparative analysis of climate change impact on livestock in relation to biomass base feed availability using standardized precipitation index in south-western Ethiopia	International Journal of Livestock Production	Yes	Yes	https://doi.org/10.5897/IJLP2018.0478
FTA	Rosca, S., Suomalainen, J., Bartholomeus, H., Herold, M.	Comparing terrestrial laser scanning and unmanned aerial vehicle structure from motion to assess top of canopy structure in tropical forests	Interface Focus	Yes	Yes	http://doi.org/10.1098/rsfs.2017.0038
FTA	Miettinen, J., Gaveau, D.L.A., Soo, C.L.	Comparison of visual and automated oil palm mapping in Borneo	International Journal of Remote Sensing	No	Yes	https://doi.org/10.1080/01431161.2018.1479799
FTA	Boedhihartono, A.K., Bongers, F., Boot, R.G.A., van Dijk, J., Jeans, H., van Kuijk, M., Koster, H., Reed, J., Sayer, J., Sunderland, T.C.H., Turnhout, E., Van Vianen, J., Zuidema, P.A.	Conservation Science and Practice Must Engage With the Realities of Complex Tropical Landscapes	Tropical Conservation Science	Yes	Yes	https://doi.org/10.1177/1940082918779571
FTA	Awono, A., Levang, P.	Contribution of environmental products to the household economy in Cameroon: essential, complementary or trivial?	Forestry Research and Engineering: International Journal	Yes	No	https://doi.org/10.15406/freij.2018.02.00018
FTA	Sunderlin, W.D., de Sassi, C., Sills, E.O., Duchelle, A.E., Laron, A.M., Resosudarmo, I.A.P., Awono, A., Kweka, D.L., Huynh, T.B.	Creating an appropriate tenure foundation for REDD plus : The record to date and prospects for the future	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2018.01.010

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FTA	Paudyal, K., Baral, H., Bhandari, S.P., Keenan, R.J.	Design considerations in supporting payments for ecosystem services from community-managed forests in Nepal	Ecosystem Services	No	Yes	http://doi.org/10.1016/j.ecoser.2018.01.016
FTA	Maharani, C., Moeliono, M., Wong, G.Y., Brockhaus, M., Carmenta, R., Kallio, M.H.	Development and equity: A gendered inquiry in a swidden landscape	Forest Policy and Economics	Yes	Yes	https://doi.org/10.1016/j.forpol.2018.11.002
FTA	Blanc-Jolivet, C., Kersten, B., Bourland, N., Guichoux, E., Delcamp, A., Doucet, J-L., Degen, B.	Development of nuclear SNP markers for the timber tracking of the African tree species Sapelli, Entandrophragma cylindricum	Conservation Genetics Resources	No	Yes	https://doi.org/10.1007/s12686-017-0872-4
FTA	Arora-jonsson, S., Sijapati Basnett, B.	Disciplining Gender in Environmental Organizations: The Texts and Practices of Gender Mainstreaming	Gender, Work and Organization	Yes	Yes	https://doi.org/10.1111/gwao.12195
FTA	Picot, A., Doster, M., Islam, M.S., Callicott, K., Ortega-Beltran, A., Cotty, P., Michailides, T.	Distribution and incidence of atoxigenic Aspergillus flavus VCG in tree crop orchards in California: a strategy for identifying potential antagonists, the example of almonds	International Journal of Food Microbiology	No	Yes	https://doi.org/10.1016/j.ijfoodmicro.2017.10.023
FTA	Mathys, A.S., Coops, N., Simard, S.W., Waring, R.H., Aitken, S.N.	Diverging distribution of seedlings and mature trees reflects recent climate change in British Columbia	Ecological Modelling	No	Yes	https://doi.org/10.1016/j.ecolmodel.2018.06.008
FTA	Brown, H.C.P., Sonwa, D.J.	Diversity within village institutions and its implication for resilience in the context of climate change in Cameroon	Climate and Development	No	Yes	https://doi.org/10.1080/17565529.2017.1291409
FTA	Luiselli, L., Fa, J.E.	Ecology and conservation of West African forests: An introduction	Acta Oecologica	No	Yes	https://doi.org/10.1016/j.actao.2018.04.004
FTA	Simonet, G., Subervie, J., Ezzine-de-Blas, D., Cromberg, M., Duchelle, A.E.	Effectiveness of a REDD+ Project in Reducing Deforestation in the Brazilian Amazon	American Journal of Agricultural Economics	Yes	Yes	https://doi.org/10.1093/ajae/aya028
FTA	Sarathchandra, C., Dossa, G.G.O., Ranjitkar, N.B., Chen, H., Deli, Z., Ranjitkar, S., De Silva, K.H.W.L., Wickramasinghe, S., Xu, J., Harrison, R.D.	Effectiveness of protected areas in preventing rubber expansion and deforestation in Xishuangbanna, Southwest China	Land Degradation and Development	No	Yes	https://doi.org/10.1002/ldr.2970
FTA	Gonmadje, C., Doumenge, C., Sunderland, T.C.H., McKey, D.	Environmental filtering determines patterns of tree species composition in small mountains of Atlantic Central African forests	Acta Oecologica	No	Yes	https://doi.org/10.1016/j.actao.2018.04.001
FTA	Wanggi Jaung, Bull, G.Q., Sumaila, U.R., Markum, Putzel, L.	Estimating water user demand for certification of forest watershed services	Journal of Environmental Management	No	Yes	https://doi.org/10.1016/j.jenvman.2018.02.042
FTA	Qiu, J., Game, E.T., Tallis, H., Olander, L.P., Glew, L., Kagan, J.S., Kalies, E.L., Michanowicz, D., Phelan, J., Polasky, S., Reed, J., Sills, E.O., Urban, D., Weaver, S.K.	Evidence-Based Causal Chains for Linking Health, Development, and Conservation Actions	BioScience	Yes	Yes	http://doi.org/10.1093/biosci/bix167
FTA	Libert Amico, A., Trench, T., Rodriguez, A., Martínez-Morales, M.P.	Experiencias de gobernanza multinivel en México: innovación para la reducción de emisiones de carbono de los ecosistemas terrestres	Madera y Bosques	Yes	Yes	https://doi.org/10.21829/myb.2018.2401909
FTA	Sears, R.R., Cronkleton, P., Villanueva, F.P., Ruiz, M.M., del Arco, M.P.O.	Farm-forestry in the Peruvian Amazon and the feasibility of its regulation through forest policy reform	Forest Policy and Economics	Yes	Yes	https://doi.org/10.1016/j.forpol.2017.11.004

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FTA	Sullivan, M.J.P., Lewis, S.L., Hubau, W., Lan, Q., Baker, T.R., Banin, L.F., Chave, J., Cuni-Sanchez, A., Feldpausch, T.R., Lopez-Gonzalez, G., Arets, E., Ashton, P., et al.	Field methods for sampling tree height for tropical forest biomass estimation	Methods in Ecology and Evolution	Yes	Yes	http://doi.org/10.1111/2041-210X.12962
FTA	Cordonnier-Segger, M.-C., Holmgren, P., Wardell, D.A.	Financing Sustainable Landscapes through Innovative International Economic Law and Governance Instruments	Global Journal of Comparative Law	No	No	https://doi.org/10.1163/2211906X-00701008
FTA	Thomas, E., Atkinson, R., Kettle, C.	Fine-scale processes shape ecosystem service provision by an Amazonian hyperdominant tree species	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-29886-6
FTA	Porcher, V., Thomas, E., Gomringer, R.C., Lozano, R.B.	Fire- and distance-dependent recruitment of the Brazil nut in the Peruvian Amazon	Forest Ecology and Management	No	Yes	https://doi.org/10.1016/j.foreco.2018.05.052
FTA	Mavah, G.A., Funk, S.M., Child, B., Swisher, M.E., Nasi, R., Fa, J.E.	Food and livelihoods in park-adjacent communities: The case of the Odzala Kokoua National Park	Biological Conservation	No	Yes	https://doi.org/10.1016/j.bioco.2018.03.036
FTA	Vinceti, B., Termote, C., Thiombiano, N., Agundez, D., Lamien, N.	Food tree species consumed during periods of food shortage in Burkina Faso and their threats	Forest Systems	Yes	Yes	https://doi.org/10.5424/fs/2018272-12157
FTA	Carmenta, R., Coudel, E., Steward, A.M.	Forbidden fire: Does criminalising fire hinder conservation efforts in swidden landscapes of the Brazilian Amazon?	The Geographical Journal	No	Yes	https://doi.org/10.1111/geoi.12255
FTA	Arasa-Gisbert, R., Vayreda, J., Román-Cuesta, R.M., Armando Villela, S., Mayorga, R., Retana, J.	Forest diversity plays a key role in determining the stand carbon stocks of Mexican forests	Forest Ecology and Management	No	Yes	https://doi.org/10.1016/j.foreco.2018.02.023
FTA	De Pourcq, K., Thomas, E., Elias, M., Van Damme, P.	Forests in Flux Exploring Park–People Conflicts in Colombia through a Social Lens	Environmental Conservation	No	Yes	https://doi.org/10.1017/S0376892918000413
FTA	Sheil, D.	Forests, atmospheric water and an uncertain future: the new biology of the global water cycle	Forest Ecosystems	Yes	Yes	https://doi.org/10.1186/s40663-018-0138-y
FTA	Wunder, S., Brouwer, R., Engel, S., Ezzine-de-Blas, D., Muradian, R., Pascual, U., Pinto, R.	From principles to practice in paying for nature's services	Nature Sustainability	No	No	https://doi.org/10.1038/s41893-018-0036-x
FTA	Ros-Tonen, M.A.F., Sunderland, T.C.H.	From Synergy to Complexity: The Trend Toward Integrated Value Chain and Landscape Governance	Environmental Management	Yes	Yes	https://doi.org/10.1007/s00267-018-1055-0
FTA	Wanasinghe, D.N., Phukhamsakda, C., Hyde, K.D., Jeewon, R., Lee, H.B., Jones, E.G., Tibpromma, S., Tennakoon, D.S., Dissanayake, A.J., Jayasiri, S.C., Gafforov, Y.	Fungal diversity notes 709-839: taxonomic and phylogenetic contributions to fungal taxa with an emphasis on fungi on Rosaceae	Fungal Diversity	No	Yes	https://doi.org/10.1007/s13225-018-0395-7
FTA	Asher, K., Varley, G.	Gender in the jungle: a critical assessment of women and gender in current (2014-2016) forestry research	International Forestry Review	Yes	Yes	https://doi.org/10.1505/146554818823767537
FTA	Larson, A.M., Solis, D., Duchelle, A.E., Atmadja, S., Resosudarmo, I.A.P., Dokken, T., Komalasari, M.	Gender lessons for climate initiatives: A comparative study of REDD+ impacts on subjective wellbeing	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.02.027
FTA	Derero, A., Worku, A., Kassa, H.	Genecological zones and selection criteria for natural forest populations for conservation: the case of <i>Boswellia papyrifera</i> in Ethiopia	Journal of Forestry Research	No	Yes	https://doi.org/10.1007/s11676-017-0466-8

CRP	AUTHOR	TITLE	JOURNAL TITLE	OA	ISI	DOI
FTA	Bocanegra-González, K.T., Thomas, E., Guillemín, M.L., de Carvalho, D., Gutiérrez, J.P., Alcázar Caicedo, C., Moscoso Higueta, L.G., Becerra, L.A., González, M.A.	Genetic diversity of Ceiba pentandra in Colombian seasonally dry tropical forest: Implications for conservation and management	Biological Conservation	No	Yes	https://doi.org/10.1016/j.bioco.2018.08.021
FTA	Halimanjaya, A., Belcher, B., Suryadarma, D.	Getting forest science to policy discourse: a theory-based outcome assessment of a global research programme	International Forestry Review	Yes	Yes	https://doi.org/10.1505/146554818825240638
FTA	Voigt, M., Wich, S.A., Ancrenaz, M., Meijaard, E., Abram, N., Banes, G.L., Campbell-Smith, G., d'Arcy, L.J., Delgado, R.A., Erman, A., Gaveau, D.L.A., Goossens, B., Heinicke, S., et al.	Global Demand for Natural Resources Eliminated More Than 100,000 Bornean Orangutans	Current Biology	No	Yes	http://doi.org/10.1016/j.cub.2018.01.053
FTA	Larjavaara, M., Kanninen, M., Gordillo-Ruesta, H.A., Koskinen, J., Kukkonen, M., Käyhkö, N., Larson, A.M., Wunder, S.	Global variation in the cost of increasing ecosystem carbon	Nature Climate Change	No	Yes	http://doi.org/10.1038/s41558-017-0015-7
FTA	Adhikari, S., Baral, H.	Governing Forest Ecosystem Services for Sustainable Environmental Governance	Environments	Yes	Yes	https://doi.org/10.3390/enviro.2018.03.008
FTA	Pacheco, P., Schoneveld, G.C., Dermawan, A., Komarudin, H., Djama, M.	Governing sustainable palm oil supply: Disconnects, complementarities, and antagonisms between state regulations and private standards	Regulation & Governance	Yes	Yes	https://doi.org/10.1111/rego.12220
FTA	van Lent, J., Hergoualc'h, K., Verchot, L.V., Oenema, O., van Groenigen, J.W.	Greenhouse gas emissions along a peat swamp forest degradation gradient in the Peruvian Amazon: soil moisture and palm roots effects	Mitigation and Adaptation Strategies for Global Change	Yes	Yes	https://doi.org/10.1007/s11027-018-9796-x
FTA	Kenney-Lazar, M., Wong, G.Y., Baral, H., Russell, A.	Greening rubber? Political ecologies of plantation sustainability in Laos and Myanmar	Geoforum	No	Yes	https://doi.org/10.1016/j.geoforum.2018.03.008
FTA	Camargo, M.C., Hogarth, N.J., Pacheco, P., Nhandumbo, I., Kanninen, M.	Greening the Dark Side of Chocolate: A Qualitative Assessment to Inform Sustainable Supply Chains	Environmental Conservation	No	Yes	https://doi.org/10.1017/S0376892918000243
FTA	Abdelrahman, H., Hofmann, D., Berns, A.E., Meyer, N., Bol, R., Borchard, N.	Historical charcoal additions alter water extractable, particulate and bulk soil C composition and stabilization	Journal of Plant Nutrition and Soil Science	No	Yes	https://doi.org/10.1002/jpln.201800261
FTA	Gumbo, D., Clendenning, J., Martius, C., Moombe, K., Grundy, I., Nasi, R., Mumba, K.Y., Ribeiro, N., Kabwe, G., Petrokofsky, G.	How have carbon stocks in central and southern Africa's miombo woodlands changed over the last 50 years? A systematic map of the evidence	Environmental Evidence	Yes	No	https://doi.org/10.1186/s13750-018-0128-0
FTA	van Zonneveld, M., Larranaga, N., Blonder, B., Coradin, L., Hormaza, J.I., Hunter, D.	Human diets drive range expansion of megafauna-dispersed fruit species	Proceedings of the National Academy of Sciences (PNAS)	No	Yes	https://doi.org/10.1073/pnas.1718045115
FTA	Amani, C.	Impact of Soil Heterogeneity on Forest Structure and Diversity of Tree Species in the Central Congo Basin	International Journal of Plant Sciences	No	Yes	https://doi.org/10.1086/696149
FTA	Guzha, A.C., Rufino, M.C., Okoth, S., Jacobs, S., Nóbrega, R.L.B.	Impacts of land use and land cover change on surface runoff, discharge and low flows: Evidence from East Africa	Journal of Hydrology: Regional Studies	Yes	Yes	https://doi.org/10.1016/j.ejrh.2017.11.005
FTA	Bhomia, R.K., van Lent, J., Grandez-Rios, J.M., Hergoualc'h, K., Honorio Coronado, E.N., Murdiyarso, D.	Impacts of Mauritia flexuosa degradation on the carbon stocks of freshwater peatlands in the Pastaza-Marañón river basin of the Peruvian Amazon	Mitigation and Adaptation Strategies for Global Change	No	Yes	https://doi.org/10.1007/s11027-018-9809-9

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FTA	Crossland, M. Winowiecki, L.A., Pagella, T., Hadgu, K., Sinclair, F.	Implications of variation in local perception of degradation and restoration processes for implementing land degradation neutrality	Environmental Development	No	Yes	https://doi.org/10.1016/j.envdev.2018.09.005
FTA	Robinson, B.E., Masuda, Y.J., Kelly, A., Holland, M.B., Bedford, C., Childress, M., Fletschner, D., Game, E.T., Ginsburg, C., Hilhorst, T., Lawry, S., Miteva, D.A., Musengezi, J., Naughton-Treves, L., Nolte, C., Sunderlin, W.D., Velt, P.	Incorporating Land Tenure Security into Conservation	Conservation Letters	Yes	Yes	http://doi.org/10.1111/conl.12383
FTA	Romijn, E., de Sy, V., Herold, M., Böttcher, H., Román-Cuesta, R.M., Fritz, S., Schepaschenko, D., Avitabile, V., Gaveau, D.L.A., Verchot, L.V., Martius, C.	Independent data for transparent monitoring of greenhouse gas emissions from the land use sector – What do stakeholders think and need?	Environmental Science and Policy	Yes	Yes	https://doi.org/10.1016/j.envsci.2018.03.016
FTA	Suwarno, A., van Noordwijk, M., Weikard, H.-P., Suyanto, D.	Indonesia's forest conversion moratorium assessed with an agent-based model of Land-Use Change and Ecosystem Services (LUCES)	Mitigation and Adaptation Strategies for Global Change	Yes	Yes	http://doi.org/10.1007/s11027-016-9721-0
FTA	Valette, M., Traoré, D., Kaguembèga-Müller, F., Touta Traoré, A., Vinceti, B.	Initiative to restore forest landscapes through household-managed fenced plots in Burkina Faso	Nature and Faune	Yes	No	https://www.biodiversityinternational.org/fileadmin/user_upload/Initiative_Valette_2018.pdf
FTA	Ochieng, R.M., Arts, B., Brockhaus, M., Visseren-Hamakers, I.J.	Institutionalization of REDD+ MRV in Indonesia, Peru, and Tanzania: progress and implications	Ecology and Society	Yes	Yes	https://doi.org/10.5751/ES-09967-230208
FTA	Amejo, A.G., Gebere, Y.M., Kassa, H.	Integrating crop and livestock in smallholder production systems for food security and poverty reduction in sub-Saharan Africa	African Journal of Agricultural Research	Yes	Yes	https://doi.org/10.5897/AJAR2018.13020
FTA	Ravikumar, A., Larson, A.M., Myers, R., Trench, T.	Inter-sectoral and multilevel coordination alone do not reduce deforestation and advance environmental justice: Why bold contestation works when collaboration fails	Environment and Planning C: Government and Policy	Yes	Yes	https://doi.org/10.1177/2399654418794025
FTA	Lilleskov, E.A., McCullough, K., Hergoualc'h, K., del Castillo Torres, D., Chimmer, R., Murdiyarso, D., Kolka, R., Bourgeau-Chavez, L., Hribljan, J., del Aguila Pasquel, J., Wayson, C.	Is Indonesian peatland loss a cautionary tale for Peru? A two-country comparison of the magnitude and causes of tropical peatland degradation	Mitigation and Adaptation Strategies for Global Change	No	Yes	http://doi.org/10.1007/s11027-018-9790-3
FTA	Yuliani, L., de Jong, E.B.P., Knippenberg, L., Bakara, D.O., Salim, M.A., Sunderland, T.C.H.	Keeping the land: indigenous communities' struggle over land use and sustainable forest management in Kalimantan, Indonesia	Ecology and Society	Yes	Yes	http://doi.org/10.5751/ES-10640-230449
FTA	Basuki, I., Kauffman, J.B., Peterson, J., Anshari, G., Murdiyarso, D.	Land cover changes reduce net primary production in tropical coastal peatlands of West Kalimantan, Indonesia	Mitigation and Adaptation Strategies for Global Change	No	Yes	https://doi.org/10.1007/s11027-018-9811-2
FTA	Mekonnen, Z., Berie, H.T., Woldeamanuel, T., Asfaw, Z., Kassa, H.	Land use and land cover changes and the link to land degradation in Arsi Negele district, Central Rift Valley, Ethiopia	Remote Sensing Applications: Society and Environment	No	No	https://doi.org/10.1016/j.rsase.2018.07.012
FTA	Swails, E., Yang, X., Asefi, S., Hergoualc'h, K., Verchot, L.V., McRoberts, R.E., Lawrence, D.	Linking soil respiration and water table depth in tropical peatlands with remotely sensed changes in water storage from the gravity recovery and climate experiment	Mitigation and Adaptation Strategies for Global Change	No	Yes	https://doi.org/10.1007/s11027-018-9822-z

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FTA	Bodmer, R., Mayor, P., Antunez, M., Chota, K., Fang, T., Puertas, P., Pittet, M., Kirkland, M., Walkey, M., Rios, C., Pérez-Peña, P., Henderson, P., Bodmer, W., Bicerria, A., Zegarria, J., Docherty, E.	Major shifts in Amazon wildlife populations from recent intensification of floods and drought	Conservation Biology	Yes	Yes	https://doi.org/10.1111/cobi.12993
FTA	Van Vliet, N., Muhindo, J., Nyumu, J.K., Mushagalusa, O., Nasi, R.	Mammal Depletion Processes as Evidenced From Spatially Explicit and Temporal Local Ecological Knowledge	Tropical Conservation Science	Yes	Yes	https://doi.org/10.1177%2F1940082918799494
FTA	Okarda, B., Carolita, I., Kartika, T., Komarudin, H.	Mapping of smallholder oil palm plantation and development of a growth model	IOP Conference Series: Earth and Environmental Science	Yes	No	https://doi.org/10.1088/1755-1315/169/1/012074
FTA	Li, J., Jeewon, R., Phookamsak, R., Bhat, D.J., Mapook, A., Chukeatirote, E., Hyde, K.D., Lumyong, S., Mckenzie, E.H.	Marinophialophora garethjonesii gen. et sp. nov.	Phytoaxa	No	No	https://doi.org/10.11646/phytoaxa.345.1.1
FTA	Myers, R., Larson, A.M., Ravikumar, A., Kowler, L.F., Yang, A.L., Trench, T.	Messiness of forest governance: How technical approaches suppress politics in REDD+ and conservation projects	Global Environmental Change	Yes	Yes	http://doi.org/10.1016/j.gloenvcha.2018.02.015
FTA	Sharma, R., Nehren, U., Rahman, S.A., Meyer, M., Rimal, B., Seta, G.A., Baral, H.	Modeling Land Use and Land Cover Changes and Their Effects on Biodiversity in Central Kalimantan, Indonesia	Land	Yes	Yes	https://doi.org/10.3390/land7020057
FTA	Schoneveld, G.C., Ekowati, D., Andrianto, A., van der Haar, S.	Modeling peat- and forestland conversion by oil palm smallholders in Indonesian Borneo	Environmental Research Letters	Yes	Yes	https://doi.org/10.1088/1748-9326/aaf044
FTA	Li, H., Guo, J., Karunarathna, S.C., Ye, L., Xu, J., Hyde, K.D., Mortimer, P.E.	Native Forests Have a Higher Diversity of Macrofungi Than Comparable Plantation Forests in the Greater Mekong Subregion	Forests	Yes	Yes	https://doi.org/10.3390/f9070402
FTA	Foli, S., Ros-Tonen, M.A.F., Reed, J., Sunderland, T.C.H.	Natural Resource Management Schemes as Entry Points for Integrated Landscape Approaches: Evidence from Ghana and Burkina Faso	Environmental Management	Yes	Yes	http://doi.org/10.1007/s00267-017-0866-8
FTA	Malhi, Y., Jackson, T., Bentley, L.P., Lau, A., Shenkin, A., Herold, M., Calders, K., Bartholomeus, H., Disney, M.I.	New perspectives on the ecology of tree structure and tree communities through terrestrial laser scanning	Interface Focus	Yes	Yes	https://doi.org/10.1098/rsfs.2017.0052
FTA	Wooster, M.J., Gaveau, D.L.A., Salim, M.A., Zhang, T., Xu, W., Green, D.C., Huijnen, V., Murdiyarso, D., Gunawan, D., Borchard, N., Schirrmann, M., Main, B., Sepriando, A.	New Tropical Peatland Gas and Particulate Emissions Factors Indicate 2015 Indonesian Fires Released Far More Particulate Matter (but Less Methane) than Current Inventories Imply	Remote Sensing	Yes	Yes	https://doi.org/10.3390/rs10040495
FTA	Meyer, N., Welp, G., Rodionov, A., Borchard, N., Martius, C., Amelung, W.	Nitrogen and phosphorus supply controls soil organic carbon mineralization in tropical topsoil and subsoil	Soil Biology and Biochemistry	No	Yes	http://doi.org/10.1016/j.soilbio.2018.01.024
FTA	Katembo, W.E., Amani, C., Lejoly, J., Nshimba, S.M.	Organisation des populations de Limbali (Gilbertiodendron dewevrei) et leur dynamique de colonisation dans les forêts de la Cuvette Centrale Congolaise.	Revue Scientifique et Technique Forêt et Environnement du Bassin du Congo	Yes	No	http://doi.org/10.5281/zenodo.1215909
FTA	Krishnadas, M., Agarwala, M., Sridhara, S., Eastwood, E.	Parks protect forest cover in a tropical biodiversity hotspot, but high human population densities can limit success	Biological Conservation	No	Yes	https://doi.org/10.1016/j.bioco.2018.04.034
FTA	Sandwidi, A., Diallo, B.O., Lamien, N., Vinceti, B., Sanon, K., Coulibaly, P., Paré, S., Sawadogo, M.	Participatory identification and characterisation of shea butter tree	Fruits	No	Yes	http://www.doi.org/10.17660/t/2018/73.3.1

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		(Vitellaria paradoxa C.F. Gaertn.) ethnovarieties in Burkina Faso				
FTA	Evans, K., Guariguata, M.R., Brancalion, P.H.S.	Participatory monitoring to connect local and global priorities for forest restoration	Conservation Biology	Yes	Yes	https://doi.org/10.1111/cobi.13110
FTA	Kusters, K., Buck, L., de Graaf, M., Minang, P., van Oosten, C., Zagt, R.	Participatory Planning, Monitoring and Evaluation of Multi-Stakeholder Platforms in Integrated Landscape Initiatives	Environmental Management	Yes	Yes	https://doi.org/10.1007/s00267-017-0847-y
FTA	Slik, J.W.F., Franklin, J., Arroyo-Rodríguez, V., Field, R., Aguilar, S., Aguirre, N., Ahumada, J., Aiba, S-I., Alves, L.F., Anitha, K., Avella, A., et al.	Phylogenetic classification of the world's tropical forests	Proceedings of the National Academy of Sciences of the United States of America (PNAS)	Yes	Yes	http://doi.org/10.1073/pnas.1714977115
FTA	Lompo, D., Vinceti, B., Konrad, H., Gaisberger, H., Geburek, T.	Phylogeography of African Locust Bean (<i>Parkia biglobosa</i>) Reveals Genetic Divergence and Spatially Structured Populations in West and Central Africa	Journal of Heredity	Yes	Yes	https://doi.org/10.1093/jhered/esy047
FTA	Lau, A., Bentley, L.P., Martius, C., Shenkin, A., Bartholomeus, H., Raumonen, P., Malhi, Y., Jackson, T., Herold, M.	Quantifying branch architecture of tropical trees using terrestrial LiDAR and 3D modelling	Trees	Yes	Yes	https://doi.org/10.1007/s00468-018-1704-1
FTA	da Conceição, H.R., Börner, J., Wunder, S.	REDD+ as a Public Policy Dilemma: Understanding Conflict and Cooperation in the Design of Conservation Incentives	Forests	Yes	Yes	https://doi.org/10.3390/f9110725
FTA	Purnomo, H., Okarda, B., Dewayani, A.A., Ali, M., Achdiawan, R., Kartodihardjo, H., Pacheco, P., Juniawaty, K.S.	Reducing forest and land fires through good palm oil value chain governance	Forest Policy and Economics	Yes	Yes	https://doi.org/10.1016/j.forpol.2017.12.014
FTA	Fedele, G., Locatelli, B., Djoudi, H., Colloff, M.J.	Reducing risks by transforming landscapes: Cross-scale effects of land-use changes on ecosystem services	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0195895
FTA	Gómez, J., Van Vliet, N.	Regulations on the Use of Fish and Wild Meat Segregate the Intrinsically Un-Dissociable for Subsistence Livelihoods in Colombia	Journal of International Wildlife Law & Policy	No	No	https://doi.org/10.1080/13880292.2018.1481598
FTA	Vallet, A., Locatelli, B., Levrel, H., Wunder, S., Seppelt, R., Scholes, R.J., Oszwald, J.	Relationships Between Ecosystem Services: Comparing Methods for Assessing Tradeoffs and Synergies	Ecological Economics	No	Yes	https://doi.org/10.1016/j.ecolecon.2018.04.002
FTA	Budiharta, S., Meijaard, E., Gaveau, D.L.A., Struebig, M.J., Wilting, A., Kramer-Schadt, S., Niedballa, J., Raes, N., Maron, M., Wilson, K.A.	Restoration to offset the impacts of developments at a landscape scale reveals opportunities, challenges and tough choices	Global Environmental Change	No	Yes	https://doi.org/10.1016/j.gloenvcha.2018.07.008
FTA	Bennett, A., Cronkleton, P., Menton, M., Malhi, Y.	Rethinking Fuelwood: People, Policy and the Anatomy of a Charcoal Supply Chain in a Decentralizing Peru	Forests	Yes	Yes	https://doi.org/10.3390/f9090533
FTA	Gaveau, D.L.A., Locatelli, B., Salim, M.A., Yaen, H., Pacheco, P., Sheil, D.	Rise and fall of forest loss and industrial plantations in Borneo (2000-2017)	Conservation Letters	Yes	Yes	https://doi.org/10.1111/conl.12622
FTA	Negi, S., Pham, T.T., Karky, B., García, C.	Role of Community and User Attributes in Collective Action: Case Study of Community-Based Forest Management in Nepal	Forests	Yes	Yes	https://doi.org/10.3390/f9030136
FTA	Koplitz, S.N., Mickley, L.J., Jacob, D.J., Marlier, M.E., DeFries, R.S., Gaveau, D.L.A., Locatelli, B., Reid, J.S., Xian, P., Myers, S.S.	Role of the Madden-Julian Oscillation in the transport of smoke from Sumatra to the Malay Peninsula during severe non-El Nino haze events	Journal of Geophysical Research: Atmospheres	No	Yes	https://doi.org/10.1029/2018JD028533

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FTA	Taedoumg, H., Maukonen, P., Mikolo Yobo, C., Midoko Iponga, D., Noutcheu, R., Chupezi Tieguhong, J., Snook, L.	Safeguarding villagers' access to foods from timber trees: Insights for policy from an inhabited logging concession in Gabon	Global Ecology and Conservation	Yes	Yes	https://doi.org/10.1016/j.gecco.2018.e00436
FTA	Borchard, N., Bulusu, M., Hartwig, A-M., Ulrich, M., Lee, S.M., Baral, H.	Screening Potential Bioenergy Production of Tree Species in Degraded and Marginal Land in the Tropics	Forests	Yes	Yes	https://doi.org/10.3390/f9100594
FTA	Piketty, M-G., Garcia Dirgo, I	Shaping the implementation of the FSC standard: the case of auditors in Brazil	Forest Policy and Economics	Yes	Yes	https://doi.org/10.1016/j.forpol.2018.02.009
FTA	Zhao, Y-L., Goldberg, S.D., Xu, J.C., Harrison R.D.	Spatial and seasonal variation in soil respiration along a slope in a rubber plantation and a natural forest in Xishuangbanna, Southwest China	Journal of Mountain Science	No	Yes	https://doi.org/10.1007/s11629-017-4478-9
FTA	Wanggi Jaung, Wiraguna, E., Okarda, B., Artati, Y., Chun, S.G., Syahru, R., Leksono, B., Prasetyo, L.B., Lee, S.M., Baral, H.	Spatial Assessment of Degraded Lands for Biofuel Production in Indonesia	Sustainability	Yes	Yes	https://doi.org/10.3390/su10124595
FTA	Sharma, R., Rimal, B., Stork, N., Baral, H., Dhakal, M.	Spatial Assessment of the Potential Impact of Infrastructure Development on Biodiversity Conservation in Lowland Nepal	ISPRS International Journal of Geo-Information	Yes	Yes	https://doi.org/10.3390/ijgi7090365
FTA	Vagen, T.G., Winowiecki, L.A., Neely, C., Chesterman, S., Bourne, M.	Spatial assessments of soil organic carbon for stakeholder decision-making - a case study from Kenya	Soil	Yes	Yes	https://doi.org/10.5194/soil-4-259-2018
FTA	Vagen, T-G., Winowiecki, L.A., Twine, W., Vaughan, K.	Spatial Gradients of Ecosystem Health Indicators across a Human-Impacted Semiarid Savanna	Journal of Environmental Quality	Yes	Yes	https://doi.org/10.2134/jeq2017.07.0300
FTA	Brandt, P., Hamunyela, E., Herold, M., de Bruin, S., Verbesselt, J., Rufino, M.C.	Sustainable intensification of dairy production can reduce forest disturbance in Kenyan montane forests	Agriculture, Ecosystems and Environment	Yes	Yes	https://doi.org/10.1016/j.agee.2018.06.011
FTA	Bazie, H. R., Sanou, J., Bayala, J., et al.	Temporal variations in transpiration of Vitellaria paradoxa in West African agroforestry parklands	Agroforestry Systems	No	Yes	https://doi.org/10.1007/s10457-017-0115-4
FTA	Monthe, F.K., Duminil, J., Yakusu, E.K., Beeckman, H., Bourland, N., Doucet, J-L., Sosef, M.S.M., Hardy, O.J.	The African timber tree Entandrophragma congoense (Pierre ex De Wild.) A.Chev. is morphologically and genetically distinct from Entandrophragma angolense (Welw.) C.DC	Tree Genetics & Genomes	No	Yes	https://doi.org/10.1007/s11295-018-1277-6
FTA	Iponga, D.M., Mikolo-Yobo, C., Lescuyer, G., Assoumou, F.M., Levang, P., Tieguhong, J.C., Ngoye, A.	The contribution of NTFP-gathering to rural people's livelihoods around two timber concessions in Gabon	Agroforestry Systems	Yes	Yes	http://doi.org/10.1007/s10457-016-0022-0
FTA	Bennett, A., Ravikumar, A., Cronkleton, P.	The effects of rural development policy on land rights distribution and land use scenarios: The case of oil palm in the Peruvian Amazon	Land Use Policy	No	Yes	http://doi.org/10.1016/j.landusepol.2017.10.011
FTA	Li, H., Ostermann, A., Karunarathna, S.C., Xu, J., Hyde, K.D., Mortimer, P.E.	The importance of plot size and the number of sampling seasons on capturing macrofungal species richness	Fungal Biology	No	Yes	https://doi.org/10.1016/j.funbio.2018.03.004
FTA	Rozak, A.H., Rutishauser, E., Raulund-Rasmussen, K., Sist, P.	The imprint of logging on tropical forest carbon stocks: A Bornean case-study	Forest Ecology and Management	No	Yes	https://doi.org/10.1016/j.foreco.2018.03.007
FTA	Kurnianto, S., Selker, J., Kauffman, J.B., Murdiyarso, D., Peterson, J.T.	The influence of land-cover changes on the variability of saturated hydraulic conductivity in tropical peatlands	Mitigation and Adaptation Strategies for Global Change	No	Yes	https://doi.org/10.1007/s11027-018-9802-3
FTA	Laumonier, Y., Nasi, R.	The last natural seasonal forests of Indonesia: implications for forest management and conservation	Applied Vegetation Science	No	Yes	https://doi.org/10.1111/avsc.12377

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FTA	Bennett, A., Ravikumar, A., Paltan, H.	The Political Ecology of Oil Palm Company-Community partnerships in the Peruvian Amazon: Deforestation consequences of the privatization of rural development	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2018.04.001
FTA	Pham, T.T., Moeliono, M., Wong, G.Y., Brockhaus, M., Le, N.D.	The politics of swidden: A case study from Nghe An and Son La in Vietnam	Land Use Policy	No	Yes	https://doi.org/10.1016/j.landusepol.2017.10.057
FTA	Swails, E., Hertanti, D., Hergoualc'h, K., Verchot, L.V., Lawrence, D.	The response of soil respiration to climatic drivers in undrained forest and drained oil palm plantations in an Indonesian peatland	Biogeochemistry	No	Yes	https://doi.org/10.1007/s10533-018-0519-x
FTA	Lambin, E.F., Gibbs, H.K., Heilmayr, R., Carlson, K.M., Fleck, L.C., Garret, R.D., de Waroux, Y.P., McDermott, C.L., McLaughlin, D., Newton, P., Nolte, C., Pacheco, P., Rausch, L.L., Streck, C., Thorlakson, T., Walker, N.F.	The role of supply-chain initiatives in reducing deforestation	Nature Climate Change	No	Yes	http://doi.org/10.1038/s41558-017-0061-1
FTA	Yuliani, L., Adnan, H., Achdiawan, R., Bakara, D., Heri, V., Sammy, J., Salim, M.A., Sunderland, T.C.H.	The roles of traditional knowledge systems in orang-utan Pongo spp. and forest conservation: a case study of Danau Sentarum, West Kalimantan, Indonesia	Oryx	Yes	Yes	http://doi.org/10.1017/S0030605316000636
FTA	Ouedraogo, D-Y., Doucet, J-L., Daïnou, K., Baya, F., Biwolé, A.B., Bourland, N., Fétéké, F., Gillet, J-F., Kouadio, Y.L., Fayolle, A.	The size at reproduction of canopy tree species in central Africa	Biotropica	No	Yes	https://doi.org/10.1111/btp.12531
FTA	Rodriguez-Ward, D., Larson, A.M., Gordillo-Ruesta, H.A.	Top-down, Bottom-up and Sideways: The Multilayered Complexities of Multi-level Actors Shaping Forest Governance and REDD+ Arrangements in Madre de Dios, Peru	Environmental Management	Yes	Yes	https://doi.org/10.1007/s00267-017-0982-5
FTA	van Zonneveld, M., Thomas, E., Castañeda-Álvarez, N.P., Van Damme, V., Alcazar, C., Loo, J., Scheldeman, X.	Tree genetic resources at risk in South America: A spatial threat assessment to prioritize populations for conservation	Diversity and Distributions	No	Yes	https://doi.org/10.1111/ddi.12724
FTA	Kim, S., Zang, H., Mortimer, P., Shi, L., Li, Y., Xu, J., Ostermann, A.	Tree species and recovery time drives soil restoration after mining: A chronosequence study	Land Degradation and Development	No	Yes	https://doi.org/10.1002/ldr.2951
FTA	Abiyu, A., Mokria, M., Gebrekirstos, A., Bräuning, A.	Tree-ring record in Ethiopian church forests reveals successive generation differences in growth rates and disturbance events	Forest Ecology and Management	No	Yes	https://doi.org/10.1016/j.foreco.2017.12.015
FTA	Pfeifer, M., Gonsamo, A., Woodgate, W., Cayuela, L., Marshall, A.R., Ledo, A., Paine, T.C.E., Marchant, R., Burt, A., Calders, K., Courtney-Mustaphi, C., Cuni-Sanchez, A., et al.	Tropical forest canopies and their relationships with climate and disturbance: results from a global dataset of consistent field-based measurements	Forest Ecosystems	Yes	Yes	https://doi.org/10.1186/s40663-017-0118-7
FTA	Mithöfer, D., Roshetko, J.M., Donovan, J., Nathalie, E., Robiglio, V., Wau, D., Sonwa, D.J., Blare, T.	Unpacking 'sustainable' cocoa: do sustainability standards, development projects and policies address producer concerns in Indonesia, Cameroon and Peru?	International Journal of Biodiversity Science, Ecosystem Services & Management	Yes	Yes	https://doi.org/10.1080/21513732.2018.1432691
FTA	Balima, L.H., Nacoulma, B.M.I., Ekue, M.R.M., N'Guessan Kouame, F.N., Thiombiano, A.	Use patterns, use values and management of Afzelia africana Sm. in Burkina Faso: implications for species domestication and sustainable conservation	Journal of Ethnobiology and Ethnomedicine	Yes	Yes	https://doi.org/10.1186/s13002-018-0221-z
FTA	Rigal, C., Vaast, P., Xu, J.C.	Using farmers' local knowledge of tree provision of ecosystem services to strengthen the	Plos One	Yes	Yes	https://doi.org/10.1371/journal.pone.0204046

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		emergence of coffee-agroforestry landscapes in southwest China				
FTA	Jacobs, S.R., Weeser, B., Guzha, A.C., Rufino, M.C., Butterbach-Bahl, K., Windhorst, D., Breuer, L.	Using High-Resolution Data to Assess Land Use Impact on Nitrate Dynamics in East African Tropical Montane Catchments	Water Resources Research	Yes	Yes	https://doi.org/10.1002/2017WR021592
FTA	Hamel, P., Riveros-Iregui, D., Ballari, D., Browning, T., Céleri, R., Chandler, D., Kwok, P.C., Destouni, G., Jacobs, S.R., Jasechko, S., Johnson, M., Krishnaswamy, J., Poca, M., Pompeu, P.V., Rocha, H.	Watershed services in the humid tropics: Opportunities from recent advances in ecohydrology	Ecohydrology	No	Yes	https://doi.org/10.1002/eco.1921
FTA	Andersson, K., Smith, S.M., Alston, L.J., Duchelle, A.E., Mwangi, E., Larson, A.M., de Sassi, C., Sills, E.O., Sunderlin, W.D., Wong, G.Y.	Wealth and the distribution of benefits from tropical forests: Implications for REDD+	Land Use Policy	Yes	Yes	http://doi.org/10.1016/j.landuspol.2018.01.012
FTA	Van Vliet, N., Nasi, R.	What do we know about the life-history traits of widely hunted tropical mammals?	Oryx	No	Yes	https://doi.org/10.1017/S0030605317001545
FTA	Korhonen-Kurki, K., Brockhaus, M., Sehring, J., Di Gregorio, M., Assembe-Mvondo, S., Babon, A., Bekele, M., Benn, V., Gebara, M.F., et al.	What drives policy change for REDD+? A qualitative comparative analysis of the interplay between institutional and policy arena factors	Climate Policy	Yes	Yes	https://doi.org/10.1080/14693062.2018.1507897
FTA	Pavageau, C., Locatelli, B., Sonwa, D.J., Tiani, A.M.	What drives the vulnerability of rural communities to climate variability? Consensus and diverging views in the Congo Basin	Climate and Development	No	Yes	http://doi.org/10.1080/17565529.2016.1193460
FTA	Duchelle, A.E., Simonet, G., Sunderlin, W.D., Wunder, S.	What is REDD+ achieving on the ground?	Current Opinion in Environmental Sustainability	Yes	Yes	https://doi.org/10.1016/j.cosust.2018.07.001
FTA	Dermawan, A., Hospes, O.	When the State Brings Itself Back into GVC: The Case of the Indonesian Palm Oil Pledge	Global Policy	Yes	Yes	https://doi.org/10.1111/1758-5899.12619
FTA	Lillesø, J.P.B., Harwood, C., Derero, A., Graudal, L., Roshetko, J.M., Kindt, R., Moestrup, S., Omondi, W.O., Holtne, N., Mbora, A., Breugel, P.	Why institutional environments for agroforestry seed systems matter	Development Policy Review	Yes	Yes	https://doi.org/10.1111/dpr.12233
FTA	Paumgarten, F., Locatelli, B., Witkowski, E.T.F.	Wild Foods: Safety Net or Poverty Trap? A South African Case Study	Human Ecology	No	Yes	https://doi.org/10.1007/s10745-018-9984-z
FTA & CCAFS	Rahn, E., Liebig, T., Ghazoul, J., van Asten, P., Läderach, P., Vaast, P., Sarmiento, A., Garcia, C., Jassogne, L.	Opportunities for sustainable intensification of coffee agro-ecosystems along an altitudinal gradient on Mt. Elgon, Uganda	Agriculture, Ecosystems and Environment	No	Yes	https://doi.org/10.1016/j.agee.2018.04.019
FTA & CCAFS	Brandt, P., Herold, M., Rufino, M.C.	The contribution of sectoral climate change mitigation options to national targets: a quantitative assessment of dairy production in Kenya	Environmental Research Letters	Yes	Yes	https://doi.org/10.1088/1748-9326/aaac84
FTA & GENE BANKS	Muriira, N.G., Muchugi, A., Yu, A., Xu, J., Liu, A.	Genetic Diversity Analysis Reveals Genetic Differentiation and Strong Population Structure in Calotropis Plants	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-26275-x
FTA & GLDC	Winowiecki, L.A., Vågen, T.G., Kinnaird, M.F., O'Brien, T.G.	Application of systematic monitoring and mapping techniques: Assessing land restoration potential in semi-arid lands of Kenya	Geoderma	Yes	Yes	https://doi.org/10.1016/j.geoderma.2018.04.017

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FTA & GLDC & MAIZE & WHEAT	Badstue, L., Lopez, D.E., Umantseva, A., Williams, G., Elias, M., Farnworth, C.R., Rietveld, A., Njuguna-Mungai, E., Luis, J., Najjar, D., Kandiwa, V.	What drives capacity to innovate? Insights from women and men small-scale farmers in Africa, Asia, and Latin America	Journal of Gender, Agriculture and Food Security	Yes	No	https://doi.org/10.19268/JGAFS.312018.3
FTA & MAIZE & WHEAT & PIM	Stoian, D., Donovan, J., Elias, M., Blare, T.	Fit for purpose? A review of guides for gender-equitable value chain development	Development in Practice	Yes	Yes	https://doi.org/10.1080/09614524.2018.1447550
FTA & PIM	McLain, R., Lawry, S., Guariguata, M.R., Reed, J.	Toward a tenure-responsive approach to forest landscape restoration: A proposed tenure diagnostic for assessing restoration opportunities	Land Use Policy	Yes	Yes	https://doi.org/10.1016/j.landusepol.2018.11.053
GENEB ANKS	Noelle L. Anglin, Ahmed Amri, Zakaria Kehel, Dave ELis	A Case of Need: Linking Traits to Genebank Accessions	Biopreservation and Biobanking	Yes	Yes	https://doi.org/10.1089/bio.2018.0033
GENEB ANKS	Pooran M Gaur, Rajeev K Varshney, HD Upadhyaya, Vincent Vadez, KK Sharma, Pooja Bhatnagar, CV Sameer Kumar, P Janila, et al.	Advances in Food Legumes Research at ICRISAT	Ethiopian Journal of Crop Science	Yes	No	http://oar.icrisat.org/11055/1/11-57.pdf
GENEB ANKS & RICE	Wang D, Agosto-Perez F, Chebotarov D, Shi Y, Marchini J, Fitzgerald M, McNally KL, Alexandrov A & McCouch SR	An imputation platform to enhance integration of rice genetic resources	Nature Communications	Yes	Yes	https://doi.org/10.1038/s41467-018-05538-1
GENEB ANKS	Sameer Suresh Bhagyaawant, Ajay Kumar Gautam, Dakshita Tanaji Narvekar, Neha Gupta, Amita Bhadkaria, Nidhi Srivastava, Hari D. Upadhyaya	Biochemical diversity evaluation in chickpea accessions employing mini-core collection	Physiology and Molecular Biology of Plants	No	Yes	https://doi.org/10.1007/s12298-018-0579-3
GENEB ANKS	Lopez Noriega, I., Halewood, M., Abberton, M., Ajeigbe, H.; Amri, A., Angarawai, I., Anglin, N., Asiedu, R., Bänziger, M., Birol, E., Blummel, M., Boddupalli, M. P., Bouman, B., Campos, H., et al.	CGIAR operations under the Plant Treaty framework	Crop Science	Yes	Yes	https://dl.sciencesocieties.org/publications/cs/articles/0/0/cropsci2018.08.0526
GENEB ANKS	B. Kalyana Babu, Salej Sood, Dinesh Kumar, Anjali Joshi, A. Pattanayak, Lakshmi Kant, H. D. Upadhyaya	Cross-genera transferability of rice and finger millet genomic SSRs to barnyard millet (<i>Echinochloa</i> spp.)	3 Biotech	No	Yes	https://doi.org/10.1007/s13205-018-1118-1
GENEB ANKS	Ellis D, Escobar R, Gueye B, Panis B, Vollmer R, Popova E	Cryobanking clonal crops: when knowledge and practice are not the same	Cryobiology	No	Yes	https://doi.org/10.1016/j.cryobiol.2018.10.154
GENEB ANKS	Vollmer, R. Villagaray, R. Castro, M Anglin, N.L. Ellis, D.	Cryopreserved potato shoot tips showed genotype-specific response to sucrose concentration in rewarming solution (RS)	Plant Cell, Tissue and Organ Culture 136(2): 353-363	Yes	No	https://doi.org/10.1007/s11240-018-1520-8
GENEB ANKS	Kyriakidou, M.; Tai, H.H.; Anglin, N.L.; Ellis, D.; Stromvik, M.V.	Current strategies of polyploid plant genome sequence assembly	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01660
GENEB ANKS	Sinnesael A, Eeckhout S, Janssens S, Smets E, Panis B, Verstraete B	Detection of Burkholderia in the seeds of <i>Psychotria punctata</i> (Rubiaceae) – Microscopic evidence for vertical transmission in the leaf nodule symbiosis	PLoS One	Yes	Yes	https://doi.org/10.1371/journal.pone.0209091
GENEB ANKS	Mani Vetriventhan, Hari D. Upadhyaya	Diversity and trait-specific sources for productivity and nutritional traits in the global proso millet (<i>Panicum miliaceum</i> L.) germplasm collection	The Crop Journal	Yes	Yes	https://doi.org/10.1016/j.cj.2018.04.002
GENEB ANKS	Ha Van Tiep, Pham Huu Thuong, La Nguyen, Hoang Thi Lua, Vu Van Thuan, et al.	Domestication of <i>Docynia indica</i> in Vietnam	Forests, Trees and Livelihoods	No	No	https://doi.org/10.1080/14728028.2018.1511480

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GENEB ANKS	Tsobeng Alain, Asaah Ebenezar, Leakey Roger, Tchoundjeu Zacharie, Patrick Van Damme, Ofori Daniel, Jamnadass Ramni	Effects of pre-severance irradiance on the growth of <i>Allanblackia floribunda</i> Oliv. stockplants and on the subsequent rooting capacity of leafy stem cuttings. <i>New Forests</i>	Journal article (New Forests)	Yes	No	https://doi.org/10.1007/s11056-018-9673-1
GENEB ANKS	Cornelius JP, Pinedo-Ramírez R, Sotelo Montes C, Ugarte-Guerra LJ, Weber JC.	Efficiency of early selection in <i>Calycophyllum spruceanum</i> and <i>Guazuma crinita</i> , two fast-growing timber species of the Peruvian Amazon	Can J For Res	No	No	https://doi.org/10.1139/cjfr-2017-0407
GENEB ANKS	F.Alo, W. Alsaaid, A. Amri.	Evaluation of bread wheat landraces for resistance to yellow rust under artificial field inoculation	Aleppo University Research Magazine.	Yes	No	-
GENEB ANKS	Soubra N., Yazbek M., Noun J., Talhouk R., Tanios S., and Karam N.	Evaluation of diversity and conservation status of <i>Matricaria chamomilla</i> (L.) and <i>Matricaria aurea</i> (Loefl.) Sch. Bip. in Lebanon	J Biodivers Endanger Species 2018, Vol 6(1): 206	Yes	No	https://www.omicsonline.org/open-access/evaluation-of-diversity-and-conservation-status-of-matricaria-chamomilla-l-and-matricaria-aurea-loefl-sch-bip-in-lebanon-2332-2543-1000206-97687.html
GENEB ANKS	Ben Ghanem H., Najar A., Udupa S., Kumari S.G., Amri A., Rezgui S., El Felah M., Tsivelikas A.	Exploiting intra-cultivar variation to select for Barley yellow dwarf virus-PAV (BYDV-PAV) resistance in barley	Canadian Journal of Plant Science	Yes	Yes	https://doi.org/10.1139/cjps-2017-0364
GENEB ANKS	Kumar A, Mulatu F, Assefa Y, Hanson J and Jones CS,	First report of Johnsongrass mosaic virus infecting <i>Urochloa mosambicensis</i> in Ethiopia	Plant Disease, 102: 459.	Yes	No	https://doi.org/10.1094/PDIS-06-17-0925-PDN
GENEB ANKS	Souza, J. de; Gamarra, H.; Muller, G.; Kreuze, J.	First report of potato virus S naturally infecting arracacha (<i>Arracacia xanthorrhiza</i>) in Peru	Plant Disease.	Yes	Yes	
GENEB ANKS	Whitehouse, K. J. , Owoborode, O. F. , Adebayo, O. O. , Oyatomi, O. , Olaniyan, A. , Abberton, M. , Hay, F. R.(	Further evidence that the Genebank standards for drying orthodox seeds	Biopreservation and Biobanking	Yes	Yes	
GENEB ANKS	Neeraj Choudhary, Vanya Bawa, Rajneesh Paliwal, Bikram Singh, Mohd. Ashraf Bhat, Javid Iqbal Mir, Moni Gupta, Parvaze A. Sofi, Mahendar Thudi, Rajeev K. Varshney, Reyazul Rouf Mir.	Gene/QTL discovery for Anthracnose in common bean	PLoS One	Yes	Yes	
GENEB ANKS	Udita Basu, Deepak Bajaj, Akash Sharma, Naveen Malik, Anurag Daware, Laxmi Narnoliya, et al.	Genetic dissection of photosynthetic efficiency traits for enhancing seed yield in chickpea	Plant Cell Environ.	No	Yes	https://doi.org/10.1111/pce.13319
GENEB ANKS	Fatokun, C. , Girma, G. , Abberton, M. , Gedil, M. , Unachukwu, N. , Oyatomi, O. , Yusuf, M. , Rabbi, I. Y. , Boukar, O.	Genetic diversity and population structure of a mini-core subset	Scientific Reports	Yes	Yes	
GENEB ANKS	Gordon, E., Kaviani, M., Kagale, S., Payne, T., Navabi, A.	Genetic diversity and population structure of synthetic hexaploid-derived wheat (<i>Triticum aestivum</i> L.) accessions	Genet Resour Crop Evol (2018).	Yes	Yes	https://doi.org/10.1007/s10722-018-0711-9
GENEB ANKS	Tata H L, Muchugi A, Kariba R, Van Noordwijk M	Genetic diversity of <i>Dyera polyphylla</i> (Miq.) Steenis populations used in tropical peatland restoration in Indonesia	Mires and Peat	Yes	Yes	http://doi.org/10.19189/MaP.2017.OMB.269
GENEB ANKS	David Ellis, Oswaldo Chavez, Joseph Coombs, Julian Soto, Rene Gomez, David Douches, Ana Panta, Rocio Silvestre, and Noelle L. Anglin	Genetic identity in genebanks: application of the SolCAP 12K SNP array in fingerprinting and diversity analysis in the global in trust potato collection	Genome 61: 523–537	Yes	Yes	https://doi.org/10.1139/gen-2017-0201

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GENEB ANKS	Stein JC, Yu YS, Copetti D, Zwick DJ, Zhang L, Zhang CG, Chougule K, Gao DY, Iwata A, Goicoechea JL, Wei S, Wang J, Liao Y, Wang MH, Jacquemin J, Becker C, Kudrna D, Zhang JW, Londono CEM, Song X, Lee SH, Sanchez P, Zuccolo A, Ammiraju JSS, et al.	Genomes of 13 domesticated and wild rice relatives unveil genetic conservation, turnover and innovation across the genus <i>Oryza</i>	Nature Genetics	Yes	Yes	https://academic.oup.com/bib/advance-article/doi/10.1093/bib/bby016/4962226
GENEB ANKS	Udita Basu, Rishi Srivastava, Deepak Bajaj, Virevol Thakro, Anurag Daware, Naveen Malik, Hari D. Upadhyaya & Swarup K. Parida	Genome-wide generation and genotyping of informative SNPs to scan molecular signatures for seed yield in chickpea	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-29926-1
GENEB ANKS & RICE	Wang, Wensheng, Ramil Mauleon, Zhiqiang Hu, Dmytro Chebotarov, Shuaishuai Tai, Zhichao Wu, Min Li, Tianqing Zheng, Roven Rommel Fuentes, Fan Zhang, et al.	Genomic variation in 3,010 diverse accessions of Asian cultivated rice.	Nature	Yes	Yes	https://www.nature.com/articles/s41586-018-0063-9
GENEB ANKS	Yogendra Khedikar, Manish K. Pandey, V. Sujay, Sube Singh, Spurthi N. Nayak, Henry W. Klein-Gebbinck, Cholin Sarvamangala, Ganapati Mukri, Vanika Garg, Hari D. Upadhyaya, H. L. Nadaf, M. V. C. Gowda, Rajeev K. Varshney, Ramesh S. Bhat	Identification of main effect and epistatic quantitative trait loci for morphological and yield-related traits in peanut (<i>Arachis hypogaea</i> L.)	Molecular Breeding	No	Yes	https://doi.org/10.1007/s11032-017-0764-z
GENEB ANKS	F.Alo, W. Alsaaid, A. Amri.	Identification of molecular markers for the detection of yellow rust (<i>Puccinia striiformis</i> f. sp. tritici) resistance genes in three Bread wheat cultivar using Molecular Marker	Aleppo University Research Magazine.	Yes	No	
GENEB ANKS	Quiroz, R.; Ramírez, D.A.; Kroschel, J.; Andrade-Piedra, J.L.; Barreda, C.; Condori, B.; Mares, V.; Monneveux, P.; Perez, W.	Impact of climate change on the potato crop and biodiversity in its center of origin	Open Agriculture.	Yes	Yes	
GENEB ANKS	onibare, M. A., I. O. Ayoola, B. Gueye, M. T. Abberton, R. D'Souza and N. Kuhnert	Leaves metabolomic profiling of <i>Musa acuminata</i> accessions using UPLC–QTOF–MS/MS and their antioxidant activity	Journal of Food Measurement and Characterization.	No	Yes	https://link.springer.com/article/10.1007/s11694-018-9725-4
GENEB ANKS	Ellis, R.H., Nasehzadeh, M., Hanson, J., Woldemariam, Y.	Medium-term seed storage of 50 genera of forage legumes and evidence-based genebank monitoring intervals	Genetic Resources and Crop Evolution, 65: 607.	Yes	Yes	https://doi.org/10.1007/s10722-017-0558-5
GENEB ANKS	Negawo AT, Jorge A, Hanson J, Teshome A, Muktar MS, Azevedo ALS, Lédo FJD, Machado JC and Jones CS.	Molecular markers as a tool for germplasm acquisition to enhance the genetic diversity of a Napier grass (<i>Pennisetum purpureum</i>) collection	TROPICAL GRASSLANDS-FORRAJES TROPICALES	Yes	Yes	http://doi.org/10.17138/tgft(6)58-69
GENEB ANKS	Hamwieh, A., F. Alo, S. Ahmed.	Molecular Tools Developed for Disease Resistant Genes in Wheat, Barley, Lentil and Chickpea: A Review	Arab Journal of Plant Protection	Yes	Yes	https://asplantprotection.org/wp-content/uploads/2018/07/Vol36-1_50-56.pdf
GENEB ANKS	W.M.R. Kumari, D.K.N.G. Pushpakumara, W.M.W. Weerakoon, D.M.J.B. Senanayake and H.D. Upadhyaya	Morphological Characterization of Local and Introduced Finger millet (<i>Eleusine coracana</i> (L.) Gaertn) Germplasm in Sri Lanka	Tropical Agricultural Research	Yes	No	https://doi.org/10.4038/tar.v29i2.8287
GENEB ANKS	Ben Ghanem H., El Felah M., Najar A., Kehel Z., Amri A., Rezgui S., Tsivelikas A.	Performance of Barley Lines Selected under Drought Stressed Conditions and Ultra-low Density	Tunisian Journal of Plant Protection, 13: 1-26 (2018)	Yes	No	https://www.researchgate.net/publication/330687561_Performance_of_Barley_Lines_Selected_under_Drought_Stressed_Conditions_and_Ultra-Low_Density

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GENEB ANKS	Debouck, D.G., Araya-Villalobos, R., Chavez-Barrantes, N.	Phaseolus angucianae (Leguminosae: Phaseoleae), a new bean species from Fila Cruces of Southeastern Costa Rica	Journal of the Botanical Research Institute of Texas	Yes	Yes	https://cgspace.cgiar.org/handle/10568/98440
GENEB ANKS	Supriya Kumari, Vandana Jaiswal, Vinod Kumar Mishra, Rajneesh Paliwal, Harindra Singh Balyan, Pushpendra Kumar Gupta.	QTL mapping for some grain traits in bread wheat	Physiol Mol Biol Plants	No	Yes	https://doi.org/10.1007/s12298-018-0552-1
GENEB ANKS	Nyoka B I, Kamanga R, Njoloma J, Jamnadass R, Mng'omba S A, Muwanje S	Quality of tree seedlings produced in nurseries in Malawi: an assessment of morphological attributes	Forests, Trees and Livelihoods	Yes	No	https://doi.org/10.1080/14728028.2018.1443027
GENEB ANKS	Muñoz-Rodríguez, P.; Carruthers, T.; Wood, J.R.I.; Williams, B.R.M.; Weitemier, K.; Kronmiller, B.; Ellis, D.; Anglin, N.L.; Longway, L.; Harris, S.A.; Rausher, M.D.; Kelly, S.; Liston, A.; Scotland, R.W.	Reconciling conflicting phylogenies in the origin of sweet potato and dispersal to Polynesia	Current Biology	Yes	Yes	-
GENEB ANKS	Tuba Eker, Fedai Erler, Alper Adak, Baris Imrek, Halil Guven, Hilal Sule Tosun, Duygu Sari, Hatice Sari, Hari D. Upadhyaya, Cengiz Toker, Cengiz Ikten	Screening of chickpea accessions for resistance against the pulse beetle, Callosobruchus chinensis L. (Coleoptera: Bruchidae)	Journal of Stored Products Research	No	Yes	https://doi.org/10.1016/j.ispr.2017.12.007
GENEB ANKS	Lebot, V., Malapa, R., Abraham, K., Molisale, T., Van Kien, N., Gueye, B., Waki, J.	Secondary metabolites content may clarify the traditional selection process	Genetic Resources and Crop Evolution	Yes	Yes	-
GENEB ANKS	Alo, F., W. Al-Saaid, M. Baum, H. Alatwani and A. Amri.	Slow rusting of bread wheat landraces to Puccinia striiformis f.sp. tritici under artificial field inoculation	Arab Journal of Plant Protection	Yes	Yes	https://doi.org/10.22268/AJPP-036.2.164175
GENEB ANKS	M Halewood, T Chiurugwi, R Sackville Hamilton, B Kurtz, E Marden, E Welch, F Michiels, J Mozafari, M Sabran, N Patron, P Kersey, R Bastow, S Dorius, S Dias, S McCouch, W Powell	Tansley review: Plant genetic resources for food and agriculture: opportunities and challenges emerging from the science and information technology revolution	New Phytologist	Yes	Yes	https://nph.onlinelibrary.wiley.com/doi/pdf/10.1111/nph.14993
GENEB ANKS	Yue Chang, Huan Liu, Min Liu, Xuezhu Liao, Sunil Kumar Sahu, Yuan Fu, Bo Song, Shifeng Cheng, Robert Kariba, Samuel Muthemba, Prasad S. Hendre Sean Mayes, et al.	The draft genomes of five agriculturally important African orphan crops	Giga science.	Yes	Yes	https://doi.org/10.1093/gigascience/giy152
GENEB ANKS	Ndjiondjop MN, Wambugu P, Sangare J, Gninkoua K	The effects of drought on rice cultivation in sub-Saharan Africa and its mitigation: A review	African Journal of Agricultural Research	Yes	No	https://doi.org/10.5897/AJAR2018.12974
GENEB ANKS	R. A. Opolo, P. V. V. Prasad, M. Djanaguiraman, K. Vimala, M. B. Kirkham, H. D. Upadhyaya	Thresholds, sensitive stages and genetic variability of finger millet to high temperature stress	Journal of Agronomy and Crop Science	No	Yes	https://doi.org/10.1111/jac.12279
GENEB ANKS & GLDC	Andrea Visioni, Ramesh Verma, Ayed Al-Abdallat, Sanjaya Gyawali, Rajan Selvakumar, Prakash Gangwar, P.S. Shekhawat, Subhash Chand Bhardwaj, Zakaria Kehel	Genome Wide Association Mapping of Seedling and Adult Plant Resistance to Barley Stripe Rust (Puccinia striiformis f. sp. hordei) in India	Frontiers in Plant science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00520
GENEB ANKS & GLDC	Hari D. Upadhyaya, Kothapally Narsimha Reddy, Mani Vetriventhan, Mohammed Irshad Ahmed, and Mulinti Thimma Reddy	Latitudinal Adaptation of Flowering Response to Photoperiod and Temperature in the World Collection of Sorghum Landraces	Crop Science	No	Yes	https://doi.org/10.2135/cropsci2017.05.0298
GENEB ANKS & LIVESTOCK	Kuwi, S.O., Kyalo, M., Mutai, C.K., Mwilawa, A., Hanson, J., Djikeng, A., Ghimire S.R.	Genetic diversity and population structure of Urochloa grass accessions from Tanzania using simple sequence repeat (SSR) markers	Brazilian Journal of Botany	Yes	No	https://doi.org/10.1007/s40415-018-0482-8
GENEB ANKS & RICE	Ndjiondjop MN, Semagn K, Sow M, Manneh B, Gouda AC, Kpeki SB, Pegalepo E, Wambugu P, Sie M, Warburton ML	Assessment of Genetic Variation and Population Structure of Diverse Rice Genotypes Adapted to	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00446

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		Lowland and Upland Ecologies in Africa Using SNPs				
GENEB ANKS & RICE	Ndjiondjop MN, Alachiotis N, Pavlidis P, Goungoulou A, Kpeki SB, Zhao D, Semagn K	Comparisons of molecular diversity indices, selective sweeps and population structure of African rice with its wild progenitor and Asian rice	Theoretical and Applied Genetics: International Journal of Plant Breeding Research	Yes	No	https://doi.org/10.1007/s00122-018-3268-2
GENEB ANKS & RICE	Jenyfer Jimenez, Monica Carvajal-Yepes, Ana Maria Leiva, Maribel Cruz, Luz Elena Romero, Carmen A. Bolaños, Ivan Lozano, Wilmer J. Cuellar	Complete Genome Sequence of Rice hoja blanca tenuivirus Isolated from a Susceptible Rice Cultivar in Colombia	Microbiology Resource Announcements	Yes	Yes	http://doi.org/10.1128/genomeA.01490-17
GENEB ANKS & RICE	Ndjiondjop MN, Semagn K, Zhang J, Gouda AC, Kpeki SB, Goungoulou A, Wambugu P, Dramé KN, Bimpong IK, Zhao D	Development of species diagnostic SNP markers for quality control genotyping in four rice (Oryza L.) species	Molecular Breeding	Yes	Yes	https://doi.org/10.1007/s11032-018-0885-z
GENEB ANKS & RICE	Lv S, Wu W, Wang M, Meyer RS, Ndjiondjop M-N, Tan L, Zhou H, Zhang J, Fu Y, Cai H, Sun C, Wing RA, Zhu Z	Genetic control of seed shattering during African rice domestication	Nature Plants	No	Yes	https://doi.org/10.1038/s41477-018-0164-3
GENEB ANKS & RICE	Norton GJ, Travis AJ, Douglas A, Fairley S, De Paiva Alves E, Naredo E, McNally KL, Sumon M, Islam R, Price AH	Genome Wide Association mapping of grain and straw biomass traits in the rice Bengal and Assam Aus Panel (BAAP) grown under alternate wetting and drying and permanently flooded irrigation	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01223
GENEB ANKS & RICE	Shaibu AA, Uguru MI, Sow M, Maji AT, Ndjiondjop MN, Venuprasad R	Screening African rice (Oryza glaberrima) for tolerance to abiotic stresses: II Lowland Drought	Crop Science	No	Yes	https://doi.org/10.2135/cropsci2017.04.0255
GENEB ANKS & RTB	Alžběta Němečková, Pavla Christelova, Jana Čížková, Moses Nyine, Ines Van Den Houwe, Radim Svačina, Brigitte Uwimana, Rony Swennen, Eva Hribova, Jaroslav Dolezel	Molecular and Cytogenetic Study of East African Highland Banana	Front. Plant Sci. 9:1371	Yes	No	https://doi.org/10.3389/fpls.2018.01371
GENEB ANKS & RTB	Rouard M, Droc G, Martin G, Hueber Y, Sardos J, Guignon V, Cenci A, Geigle B, Hibbins M, Yahiaoui N, Baurens F, Berry V, Hahn M, D'Hont A, Roux N.	Three new genome assemblies support a rapid radiation in Musa acuminata (wild banana)	Genome Biology and Evolution	Yes	Yes	https://doi.org/10.1093/gbe/evy227
GENEB ANKS & WHEAT	Reyes-Valdés, M.H.,Burgueño, J., Sukhwinder-Singh, Martínez, O., Sansaloni, C.P.	An informational view of accession rarity and allele specificity in germplasm banks for management and conservation	PLoS One	No	Yes	https://doi.org/10.1371/journal.pone.0193346
GENEB ANKS & WHEAT	Morgounov, A.I.,Abugalieva, A.I.,Akan, K.,Akin, B.,Baenziger, S.,Bhatta, M.R.,Dababat, A.A.,Demir, L.,Dutbayev, Y.,Moustapha El Bouhssini,Erginbas-Orakci, G.,Kishii, M.,Keser, M.,Koc, E.,Kurespek, A.,Mujeeb-Kazi, A.,Yorgancilar, A.,Ozdemir, F.,Ozturk, I.,Payne, T.S.,Qadimaliyeva, G.,Shamanin, V.,Subasi, K.,Suleymanova, G.,Yakisir, E.,Zelenskiy, Y.	High-yielding winter synthetic hexaploid wheats resistant to multiple diseases and pest	Plant Genetic Resources	Yes	Yes	https://doi.org/10.1017/S147926211700017X
GLDC	Bauchspies, W K and Diarra, F and Rattunde, F and Weltzien, E and Glenna, L	“An Be Jigi”: Collective cooking, whole grains, and technology transfer in Mali	Facets	Yes	No	http://doi.org/10.1139/facets-2017-0033
GLDC	Samuel Njoroge	A Critical Review of Aflatoxin Contamination of Peanuts in Malawi and Zambia: The Past, Present, and Future	Plant Disease	Yes	Yes	https://doi.org/10.1094/PDIS-02-18-0266-FE
GLDC	Asnake Fikre, Lijalem Korbu, Million Eshete, Dagnachew Bekele, Niguse Girma, Redwan Mohamed, Syum Assefe, Daniel Admasu Bogale, et al.	A Decade of Research Progress in Chickpea and Lentil Breeding and Genetics	Ethiopian Journal of Crop Science	No	No	N/A

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GLDC	Richard Thomas, Mark Reeds, Kathryn Clifton, Arivudai Nambi Appadurai, Anthony Mills, Claudio Zucca, Elie Kodsi, Jason Sircely, Fida Haddad, Craig von Hagen, Everisto Mapedza, et al.	A framework for scaling sustainable land management options	Land Degradation & Development	No	Yes	https://doi.org/10.1002/ldr.3080
GLDC	Bao-Lam Huynh, Jeffrey D Ehlers, Maria Munoz-Amatriain, Stefano Lonardi, Jansen R. P. Santos, Arsenio Ndeve, Joseph Batieno, et al.	A multi-parent advanced generation inter-cross (MAGIC) population for genetic analysis and improvement of cowpea (<i>Vigna unguiculata</i> L. Walp.)	Plant Journal	Yes	Yes	https://doi.org/10.1111/tpj.13827
GLDC	Pooja Bhatnagar - Mathur, Ranadheer Gupta, P. Sudhakar Reddy, Bommineni Pradeep Reddy, Dumbala Srinivas Reddy, Chanda Venkata Sameer Kumar, Rachit Saxena, Kiran Sharma	A novel mitochondrial orf147 causes cytoplasmic male sterility in pigeonpea by modulating aberrant anther dehiscence	Plant Molecular Biology	No	Yes	https://doi.org/10.1007/s11103-018-0728-7
GLDC & WLE	Prashant Patil, Murali Krishna Gumma	A Review of the Available Land Cover and Cropland Maps for South Asia	Agriculture	Yes	No	https://doi.org/10.3390/agriculture8070111
GLDC	Rajeev Varshney, MAHENDAR THUDI, Manish K Pandey, Francois Tardieu, Chris Ojiewo, Vincent Vadez, Vincent Vadez, Anthony Whitbread, Kadambot H M Siddique, Henry T. Nguyen, Peter Carberry, David Bergvinson	Accelerating Genetic Gains in Legumes for the Development of Prosperous Smallholder Agriculture: Integrating Genomics, Phenotyping, Systems Modelling and Agronomy	Journal of Experimental Botany	Yes	Yes	https://doi.org/10.1093/jxb/ery088
GLDC	Tonnang, H E Z and Hervé, B D B and Biber-Freudenberger, L and Salifu, D and Subramanian, S and Ngowi, V B and Guimapi, R Y A and Anani, B and Kakmeni, et al.	Advances in crop insect modelling methods—Towards a whole system approach	Ecological Modelling	Yes	Yes	http://doi.org/10.1016/j.ecolmodel.2017.03.015
GLDC	Njoroge, S M C and Matumba, L and Kanenga, K and Siambi, M and Waliyar, F and Maruwo, J and Machinjiri, N and Monyo, E S	Aflatoxin B1 levels in groundnut products from local markets in Zambia	Mycotoxin Research	No	Yes	http://doi.org/10.1007/s12550-017-0270-5
GLDC & RICE	Aravind Venkatesan, Gildas Tagny Ngompe, Gildas Tagny Ngompe, Nordine El Hassouni, Nordine El Hassouni, Imene Chentli, Imene Chentli, Valentin Guignon, et al.	Agronomic Linked Data (AgroLD): A knowledge-based system to enable integrative biology in agronomy	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0198270
GLDC	M. GOVINDARAJ, SK Gupta, Devvrat Yadav, Dnyandeav Atkari, K. N. Rai	Allelic relationship between restorer genes for A1 and A4 CMS systems in pearl millet	The Indian journal of genetics & plant breeding	No	Yes	https://doi.org/10.5958/0975-6906.2018.00010.X
GLDC	Malick BA, Joseph Huesing, Manuele Tamo, Thomas Higgins, Barry R. Pittendrigh, Larry Murdock	An assessment of the risk of Bt-cowpea to non-target organisms in West Africa	Journal of Pest Science	No	Yes	https://doi.org/10.1007/s10340-018-0974-0
GLDC	Singh, P and Boote, K J and Kadiyala, M D M and Nedumaran, S and Gupta, S K and Srinivas, K and Bantilan, M C S	An assessment of yield gains under climate change due to genetic modification of pearl millet	Science of The Total Environment	Yes	Yes	http://doi.org/10.1016/j.scitotenv.2017.06.002
GLDC	Ranjana Bhattacharjee, Christian O. Nwadii, Christian O. Nwadii, Christian O. Nwadii, Christopher Saski, Paterne Agre, et al.	An EST-SSR based genetic linkage map and identification of QTLs for anthracnose disease resistance in water yam (<i>Dioscorea alata</i> L.)	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0197717
GLDC	Dahbia Tabti, Shiv Kumar Agrawal, Karthika Rajendran, Aissa Abdelguerfi, Meriem Laouar	Analysis of gamma rays induced variability in lentil (<i>Lens culinaris</i> Medik.)	Agronomy Research	Yes	No	https://doi.org/10.15159/AR.18.202
GLDC	Jitendra Kumar, Ashutosh Sarker, Shiv Kumar Agrawal, Narendra Pratap Singh, Dil Thavarajah	Analysis of genetic variability and genotype × environment interactions for iron and zinc content among diverse genotypes of lentil	Journal of Food Science and Technology	No	No	https://doi.org/10.1007/s13197-018-3285-9

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GLDC	Pengyu Hao, Fabian Loew, Chandrashekhara Biradar	Annual Cropland Mapping Using Reference Landsat Time Series—A Case Study in Central Asia	Remote Sensing	Yes	Yes	https://doi.org/10.3390/rs10122057
GLDC	Eleonora Boncompagni, Gregorio Orozco-Arroyo, Eleonora Cominelli, Prakash Gangashetty, Stefania Grando, Theophilus Kwaku Zu, Maria Daminati, Erik Nielsen, Francesca Sparvoli	Antinutritional factors in pearl millet grains: Phytate and goitrogens content variability and molecular characterization of genes involved in their pathways	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0198394
GLDC	Nayak, S N and Agarwal, G and Pandey, M K and Sudini, H and Jayale, A S and Purohit, S and Desai, A and Wan, L and Guo, B and Liao, B and Varshney, R K	Aspergillus flavus infection triggered immune responses and host-pathogen cross-talks in groundnut during in-vitro seed colonization	Scientific Reports	Yes	Yes	http://doi.org/10.1038/s41598-017-09260-8
GLDC	Md-Sajedul Islam, Kenneth A. Callicott, Charity Mutegi, Ranajit Bandyopadhyay, Peter J. Cotty	Aspergillus flavus resident in Kenya: High genetic diversity in an ancient population primarily shaped by clonal reproduction and mutation-driven evolution	Fungal Ecology	Yes	Yes	https://doi.org/10.1016/j.funeco.2018.05.012
GLDC	Akinseye, F M and Adam, M and Agele, S O and Hoffmann, M P and Traore, P C S and Whitbread, A M	Assessing crop model improvements through comparison of sorghum (sorghum bicolor L. moench) simulation models: A case study of West African varieties	Field Crops Research	No	Yes	http://doi.org/10.1016/j.fcr.2016.10.015
GLDC	Setotaw Ferede, Asnake Fikre, Seid Ahmed Kemal	Assessing the Competitiveness of Smallholders Chickpea Production in the Central Highlands of Ethiopia	Ethiopian Journal of Crop Science	Yes	No	N/A
GLDC	Sandip Bera, Surendra Manohar, Murali Variath, Sunil Chaudhari, Yaduru Shasidhar, Radhakrishnan Thankappan, et al.	Assessing variability for disease resistance and nutritional quality traits in an interspecific collection of groundnut (Arachis hypogaea)	Plant Breeding	No	Yes	https://doi.org/10.1111/pbr.12647
GLDC	Gopalakrishnan, S and Singh, M and Swarnalakshmi, K and Srinivas, V and Rathore, A and Upadhyaya, H D and Basu, P S and Chaturvedi, S K	Assessment of nodulation potential in mini-core genotypes and land races of chickpea	Journal of Food Legumes	Yes	No	N/A
GLDC	Damian Collins, Mustapha El Bouhssini, Livinus C. Emebiri, Mui-Keng Tan, Ossie Wildman	Association of KASP markers with Hessian fly resistance in wheat of diverse origin	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2228-x
GLDC	Mathias Wiegmann, Andreas Maurer, Anh Pham, Timothy March, Ayed Abdelat, William Thomas, Mohammed Shahid, Hazel Bull, Jason Eglinton, Michael Baum, Andrew Flavell, Mark Tester, Klaus Pillen	Barley yield formation under abiotic stress depends on the interplay between flowering time genes and environmental cues	BioRxiv	Yes	No	https://doi.org/10.1101/488080
GLDC	Ramesh Verma	Barley: Global challenges and perspectives under non-tropical dry areas	Wheat and Barley Research	Yes	No	https://doi.org/10.2517/2249-4065/2018/85893
GLDC	Njoroge, A W and Affognon, H D and Mutungi, C and Richter, U and Hensel, O and Rohde, B and Mankin, R W	Bioacoustics of Acanthoscelides obtectus (Coleoptera: Chrysomelidae: Bruchinae) on Phaseolus vulgaris (Fabaceae)	Florida Entomologist	Yes	Yes	http://doi.org/10.1653/024.100.0116
GLDC	Alekhyia, G and Gopalakrishnan, S	Biological Control and Plant Growth-Promotion Traits of Streptomyces Species Under Greenhouse and Field Conditions in Chickpea	Agricultural Research	No	No	http://doi.org/10.1007/s40003-017-0278-2
GLDC	Vincent Bado, Michel Sedogo, Francois Lompo, Maman Laminou Sanoussi Manzo	Biological Nitrogen Fixation by Local and Improved Genotypes of Cowpea in Burkina Faso (West Africa): Total Nitrogen Accumulated can be used for Quick Estimation	Advances in Agriculture	Yes	No	https://doi.org/10.1155/2018/9641923

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GLDC	Fouad Maalouf, Jinguo Hu, Donal O'Sullivan, Xuxiao Zong, Aladdin Hamwiah, Shiv Kumar Agrawal, Michael Baum	Breeding and genomics status in faba bean (<i>Vicia faba</i>)	Plant Breeding	Yes	Yes	https://doi.org/10.1111/pbr.12644
GLDC	Kulbhushan Saxena, Arbind Choudhary, Rachit Saxena, Rajeev Varshney	Breeding pigeonpea cultivars for intercropping: synthesis and strategies	Breeding Science	Yes	Yes	https://doi.org/10.1270/jsbbs.17105
GLDC	Megersa Tadesse, Zewdie Bishaw, Pooran Gaur, Chris Ojiewo, Asnake Fikre, Assefa Funga, Million Eshete, Nigusie Girma, Lijalem Korbu, Dagnachew Bekele, Mohammed Ridwan, Tulu Degefu	Breeding Progress for Grain Yield and Yield Related Characters of Kabuli Chickpea (<i>Cicer arietinum</i> L.) in Ethiopia Using Regression Analysis	Journal of Agricultural Science	Yes	Yes	https://doi.org/10.5539/ias.v10n2p195
GLDC	Kante, M and Rattunde, H F W and Leiser, W L and Nebie, B and Diallo, B and Diallo, A and Toure, A O and Weltzien, E and Haussmann, B	Can Tall Guinea-Race Sorghum Hybrids Deliver Yield Advantage to Smallholder Farmers in West and Central Africa?	Crop Science	Yes	Yes	http://doi.org/10.2135/cropsci2016.09.0765
GLDC	Pronob Paul, Srinivasan Samineni, Sobhan Sajja, Abhishek Rathore, Roma R. Das, Sushil k. Chaturvedi, Lavanya GR, Rajeev Varshney, Pooran Gaur, Pooran Gaur	Capturing genetic variability and selection of traits for heat tolerance in a chickpea recombinant inbred line (RIL) population under field conditions	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2112-8
GLDC	Dibyendu Dutta, Libeesh Lukose, Anju Bajpai, Uttam Bhunia, Rajkumar Singh, Sourav Samanta	Cartosat-1 Image Segmentation Technique for Shade Tree Crown Density in Tea Gardens of East India in Relation to Terrain Geometry	Journal of Tea Science Research	Yes	No	https://doi.org/10.5376/jtsr.2018.08.0001
GLDC	Keba SISSOKO, Kimseyinga Savadogo, Michel Vaksman, Abel TIEMTORE	Cereal crops choices and economic resilience face to climate variability in southern Mali	Journal of Agriculture and Environmental Sciences	Yes	No	https://doi.org/10.15640/jaes.v7n1a12
GLDC	Bado, B V and Bationo, A	Chapter One - Integrated Management of Soil Fertility and Land Resources in Sub-Saharan Africa: Involving Local Communities	Advances in Agronomy	No	Yes	https://doi.org/10.1016/bs.agron.2018.02.001
GLDC	Upadhyaya, H D and Reddy, K N and Ahmed, M I and Ramachandran, S and Kumar, V and Singh, S	Characterization and genetic potential of African pearl millet named landraces conserved at the ICRISAT genebank	Plant Genetic Resources	No	Yes	http://doi.org/10.1017/S1479262116000113
GLDC	Saxena, R K and Obala, J and Sinjushin, A and Sameer Kumar, C V and Saxena, K B and Varshney, R K	Characterization and mapping of Dt1 locus which co-segregates with CcTFL1 for growth habit in pigeonpea	TAG Theoretical and Applied Genetics	Yes	Yes	http://doi.org/10.1007/s00122-017-2924-2
GLDC	Amir Hajjarpoor, Vincent Vadez, Afshin Soltani, Pooran Gaur, Anthony Whitbread, Suresh Dharani, Murali Krishna Gumma, Madina Diancoumba, Jana Kholova	Characterization of the main chickpea cropping systems in India using a yield gap analysis approach	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.03.023
GLDC	Sivasakthi, K and Tharanya, M and Kholova, J and Wangari Muriuki, R and Thirunalasundari, T and Vadez, V	Chickpea Genotypes Contrasting for Vigor and Canopy Conductance Also Differ in Their Dependence on Different Water Transport Pathways	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.01663
GLDC	S. Chandra Nayaka, Keelara Veerappa Harish Prasanth, Niranjan Satyanarayana, Venkataramana Mudili, Vijai Kumar Gupta, Naveen Kumar Kalagatur, Tara Satyavathi, Xiaofeng Dai, Jie-Yin Chen, Andrei Mocan, Bhim Pratap Singh, Rakesh Kumar	Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-017-19016-z

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GLDC	Luo, H and Ren, X and Li, Z and Xu, Z and Li, X and Huang, L and Zhou, X and Chen, Y and Chen, W and Lei, Y and Liao, B and Pandey, M K and Varshney, R K and Guo, B and Jiang, X and Liu, F and Jiang, H	Co-localization of major quantitative trait loci for pod size and weight to a 3.7 cM interval on chromosome A05 in cultivated peanut (<i>Arachis hypogaea</i> L.)	BMC Genomics	No	Yes	http://doi.org/10.2135/10.1186/s12864-016-3456-x
GLDC	P. Sudhakar Reddy, Mahamaya G. Dhaware, Dumbala Srinivas Reddy, Bommineni Pradeep Reddy, Kummari Divya, Kiran Sharma, Pooja Bhatnagar-Mathur	Comprehensive evaluation of candidate reference genes for real-time quantitative PCR (RT-qPCR) data normalization in nutri-cereal finger millet [<i>Eleusine Coracana</i> (L.)]	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0205668
GLDC	Zainab Al-Jbory, Mustapha El Bouhssini, Ming-Shun Chen	Conserved and Unique Putative Effectors Expressed in the Salivary Glands of Three Related Gall Midge Species	Journal of Insect Science	Yes	Yes	https://doi.org/10.1093/jisesa/iey094
GLDC	Saxena, R K and Singh, V K and Kale, S M and Tathineni, R and Parupalli, S and Kumar, V and Garg, V and Das, R R and Sharma, M and Yamini, K N and Muniswamy, S and Ghanta, A and Rathore, A and Sameer Kumar, C V and Saxena, K B and Kishor, P B K and Varshney, R K	Construction of genotyping-by-sequencing based high-density genetic maps and QTL mapping for fusarium wilt resistance in pigeonpea	Scientific Reports	Yes	Yes	http://doi.org/10.1038/s41598-017-01537-2
GLDC	Samuel Ndungu, Monika Messmer, Dominik Ziegler, Hannes A. Gamper, Eva Meszaros, Thuita Moses, Bernard Vanlauwe, Emmanuel Frossard, Cécile Thonar, Cécile Thonar	Cowpea (<i>Vigna unguiculata</i> L. Walp) hosts several widespread bradyrhizobial root nodule symbionts across contrasting agro-ecological production areas in Kenya	Agriculture, Ecosystems and Environment	Yes	No	https://doi.org/10.1016/j.agee.2017.12.014
GLDC	Antonio Carapelli, Moez Amri, Jouda Mediouni-Ben Jemâa, Abir Soltani, Chiara Leo, Matteo Vitale	Cryptic Diversity Hidden within the Leafminer Genus <i>Liriomyza</i> (Diptera: Agromyzidae)	Genes	Yes	Yes	https://doi.org/10.3390/genes9110554
GLDC	Anuradha, N and Tara Satyavathi, C and Bharadwaj, C and Nepolean, T and Mukesh Sankar, S and Singh, S P and Meena, M C and Singhal, T and Srivastava, R K	Deciphering Genomic Regions for High Grain Iron and Zinc Content Using Association Mapping in Pearl Millet	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.00412
GLDC	Rajendran Vijayabharathi, Subramaniam Gopalakrishnan, Sathya Arumugam, Srinivas Vadlamudi, Sharma Mamta	Deciphering the tri-dimensional effect of endophytic <i>Streptomyces</i> sp. on chickpea for plant growth promotion, helper effect with <i>Mesorhizobium ciceri</i> and host-plant resistance induction against <i>Botrytis cinerea</i>	Microbial Pathogenesis	No	Yes	https://doi.org/10.1016/j.micpath.2018.06.019
GLDC	Rachit Saxena, Abhishek Rathore, Abhishek Bohra, Pooja Yadav, Roma R. Das, Aamir Khan, Vikas Singh, Annapurna Chitikineni, Indra P. Singh, Chanda Venkata Sameer Kumar, Kulbhushan Saxena, Rajeev Varshney	Development and Application of High-Density Axiom Cajanus SNP Array with 56K SNPs to Understand the Genome Architecture of Released Cultivars and Founder Genotypes	Plant Genome, The	Yes	No	https://doi.org/10.3835/plantgenome2018.01.0005
GLDC	Pandey, M K and Agarwal, G and Kale, S M and Clevenger, J and Nayak, S N and Sriswathi, M and Chitikineni, A and Chavarro, C and Chen, X and Upadhyaya, H D and Vishwakarma, M K and Leal-Bertioli, S and Liang, X and Bertioli, D J and Guo, B and Jackson, S A and Ozias-Akins, P and Varshney, R K	Development and Evaluation of a High Density Genotyping 'Axiom_Arachis' Array with 58 K SNPs for Accelerating Genetics and Breeding in Groundnut	Scientific Reports	Yes	Yes	http://doi.org/10.1038/srep40577
GLDC	Roorkiwal, M and Jain, A and Kale, S M and Doddamani, D and Chitikineni, A and Thudi, M and Varshney, R K	Development and evaluation of high-density Axiom® CicerSNP Array for high-resolution genetic mapping and breeding applications in chickpea	Plant Biotechnology Journal	Yes	Yes	http://doi.org/10.1111/pbi.12836

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GLDC	M. Gayathri, Kenta Shirasawa, Rajeev Varshney, Manish K Pandey, Ramesh Bhat	Development of AhMITE1 markers through genome-wide analysis in peanut (<i>Arachis hypogaea</i> L.)	BMC Research Notes	Yes	No	https://doi.org/10.1186/s13104-017-3121-8
GLDC	Mayank Kaashyap, Rebecca Ford, Hima bindu Kudapa, Mukesh Jain, David Edwards, Rajeev Varshney, Nitin Mantri	Differential Regulation of Genes Involved in Root Morphogenesis and Cell Wall Modification is Associated with Salinity Tolerance in Chickpea	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-23116-9
GLDC	Sreevidya, M and Gopalakrishnan, S	Direct and indirect plant growth-promoting abilities of <i>Bacillus</i> species on chickpea, isolated from compost and rhizosphere soils	Organic Agriculture	No	No	http://doi.org/10.1007/s13165-015-0141-3
GLDC	Gunvant Patil, Tri D. Vuong, Sandip Kale, Babu Valliyodan, Rupesh Deshmukh, Chengsong Zhu, Xiaolei Wu, Yonghe Bai, Dennis Yungbluth, Fang Lu, Siva Kumpatla, J. Grover Shannon, Rajeev Varshney, Henry T. Nguyen	Dissecting genomic hotspots underlying seed protein, oil, and sucrose content in an interspecific mapping population of soybean using high-density linkage mapping	Plant Biotechnology Journal	Yes	Yes	https://doi.org/10.1111/pbi.12929
GLDC	Sultan Mohammed, Seid Ahmed Kemal, Aladdin Hamwieh, Douglas Cook, Negussie Tadesse, Chemedo Fininsa Gurmesa	Distribution and factors influencing chickpea wilt and root rot epidemics in Ethiopia	Crop Protection	No	Yes	https://doi.org/10.1016/j.cropro.2017.12.027
GLDC	Dwivedi, S L and Lammerts van Bueren, E T and Ceccarelli, S and Grando, S and Upadhyaya, H D and Ortiz, R	Diversifying Food Systems in the Pursuit of Sustainable Food Production and Healthy Diets	Trends in Plant Science	Yes	Yes	http://doi.org/10.1016/j.tplants.2017.06.011
GLDC	Abdul Rahman Nurudeen, Asamoah Larbi, Bekele Kotu, Francis Tetteh, Irmgard Hoeschle-Zeledon.	Does Nitrogen Matter for Legumes? Starter Nitrogen Effects on Biological and Economic Benefits of Cowpea (<i>Vigna unguiculata</i> L.) in Guinea and Sudan Savanna of West Africa	Agronomy	Yes	No	https://doi.org/10.3390/agronomy8070120
GLDC	Hicham El Arroussi, Redouane Benhima, Redouane Benhima, Adil El-Baouchi, badreddine sijilmassi, Najib El Mernissi, A. Aafsar, Issam Meftah Kadmiri, Najib Bendaou Ben Houssa Abdelaziz, Abdelaziz Smouni	Dunaliella salina exopolysaccharides: a promising biostimulant for salt stress tolerance in tomato (<i>Solanum lycopersicum</i>)	Journal of Applied Phycology	No	Yes	https://doi.org/10.1007/s10811-017-1382-1
GLDC	Patrick Lhomme, Heather Hines	Ecology and Evolution of Cuckoo Bumble Bees	Annals of the Entomological Society of America	Yes	Yes	https://doi.org/10.1093/aesa/say031
GLDC	Emna Triki, Moez Amri, Zouhaier Abbes, Imen Trabelsi, Mohamed Kharrat, Fatma Nefzi	Effect of Benzothiadiazole and Salicylic Acid Resistance Inducers on <i>Orobanche foetida</i> Infestation in <i>Vicia faba</i>	Tunisian Journal of Plant Protection	No	No	N/A
GLDC	Angarawai, I I and Ajeigbe, H A and Gaya, U H and Yeye, M	Effect of Heat Stress on Seed Production of Some Sorghum Varieties Under Irrigation in Northern Nigeria	Journal of Agriculture	Yes	No	N/A
GLDC	Abdulrahman Lado, Mohammed Auwal Hussaini, Alpha yaya Kamar	Effectiveness of imazaquin seed treatment on <i>Striga gesnerioides</i> control and growth traits of seven cowpea genotypes	Journal of Plant Pathology	No	Yes	https://doi.org/10.1007/s42161-018-0102-2
GLDC	Anushabasavaraj Gindi, Subramaniam Gopalakrishnan, Manjunathkrishnappa Naik, Manjunathkrishnappa Naik	Efficacy of streptomyces spp. And bacillus spp. For their antagonistic potential against dry root rot (<i>rhizoctonia bataticola</i>) of chickpea	Andhra Pradesh Journal of Agricultural Sciences	Yes	No	N/A
GLDC	Akbar, A and Manohar, S S and Variath, M T and Sadaiah, K and Janila, P	Efficient Partitioning of Assimilates in Stress-Tolerant Groundnut Genotypes under High-Temperature Stress	Agronomy	Yes	No	http://doi.org/10.3390/agronomy7020030

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GLDC	Guragain, Y N and Rao, P S and Vara Prasad, P V and Vadlani, P V	Evaluation of Brown Midrib Sorghum Mutants as a Potential Biomass Feedstock for 2,3-Butanediol Biosynthesis	Applied Biochemistry and Biotechnology	No	Yes	http://doi.org/10.1007/s12010-017-2486-4
GLDC	Samuel Ndungu, Monika Messmer, Dominik Ziegler, Thuita Moses, Bernard Vanlauwe, Emmanuel Frossard, Cécile Thonar, Cécile Thonar	Evaluation of MALDI-TOF mass spectrometry for the competitiveness analysis of selected indigenous cowpea (<i>Vigna unguiculata</i> L. Walp.) Bradyrhizobium strains from Kenya	Applied Microbiology and Biotechnology	No	Yes	https://doi.org/10.1007/s00253-018-9005-6
GLDC	Geli Zhang, Chandrashekhar Biradar, Xiangming Xiao, Jinwei Dong, Yuting Zhou, Yuanwei Qin, Yao Zhang, Fang Liu, Mingjun Ding, Richard Thomas	Exacerbated grassland degradation and desertification in Central Asia during 2000–2014	Ecological Applications	Yes	Yes	https://doi.org/10.1002/eap.1660
GLDC	Rajendran Vijayabharathi, Sathya Arumugam, Subramaniam Gopalakrishnan	Extracellular biosynthesis of silver nanoparticles using <i>Streptomyces griseoplanus</i> SAI-25 and its antifungal activity against <i>Macrophomina phaseolina</i> , the charcoal rot pathogen of sorghum	Biocatalysis and Agricultural Biotechnology	No	No	https://doi.org/10.1016/j.bcab.2018.03.006
GLDC	Aloyce Kaliba, Mazvimavi Kizito, Theresia Gregory, Frida Mgonja, Mary Mgonja	Factors affecting adoption of improved sorghum varieties in Tanzania under information and capital constraints	Agricultural and Food Economics	Yes	No	https://doi.org/10.1186/s40100-018-0114-4
GLDC	Beneberu Teferra, Girma Kassie, Belaineh Legesse, Jema Haji	Farm Level Efficiency of Crop Production in the Central Highlands of Ethiopia	American Journal of Rural Development	Yes	No	https://doi.org/10.12691/ajrd-6-2-4
GLDC	Dawud, M A and Angarawai, I I and Tongoona, P B and Ofori, K and Eleblu, J S Y and Lfie, B E	Farmers' Production Constraints, Knowledge of Striga and Preferred Traits of Pearl Millet in Jigawa State, Nigeria	Global Journal of Science Frontier Research: D Agriculture and Veterinary	Yes	No	N/A
GLDC	Abir Soltani, Moez Amri, Jouda Mediouni-Ben Jemâa	Field Assessment of the Mass Trapping Technique for the Control of the Chickpea Leaf Miner <i>Liriomyza cicerina</i>	Tunisian Journal of Plant Protection	No	No	N/A
GLDC	Abir Soltani, Moez Amri, Jouda Mediouni-Ben Jemâa, Soumaya Hamdi, Ahmet Beyareslan, Arbia Bousselmi	First Report on the Occurrence of the Braconid parasitoid <i>Opius monilicornis</i> on the Chickpea Leaf Miner <i>Liriomyza cicerina</i> in Tunisia	Tunisian Journal of Plant Protection	No	No	N/A
GLDC	Pazhamala, L T and Purohit, S and Saxena, R K and Garg, V and Krishnamurthy, L and Verdier, J and Varshney, R K	Gene expression atlas of pigeonpea and its application to gain insights into genes associated with pollen fertility implicated in seed formation	Journal of Experimental Botany	Yes	Yes	http://doi.org/10.1093/jxb/erx010
GLDC	Neeraj Choudhary, Vanya Bawa, Rajneesh Paliwal, Bikram Singh, Mohd. Bhat, Javid Mir, Moni Gupta, Parvaze Sofi, Mahendar Thudi, Rajeev Varshney, Reyazul Mir	Gene/QTL discovery for Anthracnose in common bean (<i>Phaseolus vulgaris</i> L.) from North-western Himalayas	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0191700
GLDC	Pandey, M K and Wang, H and Khera, P and Vishwakarma, M K and Kale, S M and Culbreath, A K and Holbrook, C C and Wang, X and Varshney, R K and Guo, B	Genetic Dissection of Novel QTLs for Resistance to Leaf Spots and Tomato Spotted Wilt Virus in Peanut (<i>Arachis hypogaea</i> L.)	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.00025
GLDC	Sen, M and De, D K	Genetic divergence in mung bean	Legume Research	Yes	Yes	http://doi.org/10.18805/lr.v0i0.7012
GLDC	Christian Fatokun, Gezahegn Girma, Michael Abberton, Melaku Gedil, Nnanna Unachukwu, Olaniyi Oyatomi, Ismail Rabbi, Ousmane Boukar	Genetic diversity and population structure of a mini-core subset from the world cowpea (<i>Vigna unguiculata</i> (L.) Walp.) germplasm collection	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-34555-9

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GLDC	Singh, S and Gupta, S K and Pahuja, S K and Yadav, D and Kumar, A and Rathore, A	Genetic diversity in seed and restorer parents in relation to grain yield and its component traits in pearl millet [Pennisetum glaucum (L.) R. Br.]	Electronic Journal of Plant Breeding	Yes	No	http://doi.org/10.5958/0975-928X.2017.00071.0
GLDC	Heng Ye, Manish Roorkiwal, Babu Valliyodan, Lijuan Zhou, Pengyin Chen, Rajeev Varshney, Henry T. Nguyen	Genetic diversity of root system architecture in response to drought stress in grain legumes	Journal of Experimental Botany	No	Yes	https://doi.org/10.1093/jxb/ery082
GLDC	Satbeer Singh, SK Gupta, Mahendar Thudi, Roma R. Das, G. Vemula Anilkumar, Garg Vanika, Rajeev Varshney, Abhishek Rathore, S. K. Pahuja, Devvrat Yadav	Genetic Diversity Patterns and Heterosis Prediction Based on SSRs and SNPs in Hybrid Parents of Pearl Millet	Crop Science	No	Yes	https://doi.org/10.2135/cropsci2018.03.0163
GLDC	Belaihun Mulugeta, Kifle Dagne, Gemechu Wakayo, Seid Ahmed Kemal, Kassahun Muleta, Kassahun Muleta	Genetic diversity study of Ethiopian Faba bean (Vicia faba L.) varieties based on phenotypic traits and inter simple sequence repeat (ISSR) markers	African journal of biotechnology	Yes	No	https://doi.org/10.5897/AJB2017.16331
GLDC	Yadav, O P and Upadhyaya, H D and Reddy, K N and Jukanti, A K and Pandey, S and Tyagi, R K	Genetic Resources of Pearl Millet: Status and Utilization	Indian Journal of Plant Genetic Resources	No	No	http://doi.org/10.5958/0976-1926.2017.00004.3
GLDC	Priya Sundaram, Srinivasan Samineni, Sobhan Sajja, Singh SP, Sharma RN, Pooran Gaur, Pooran Gaur	Genetic studies for seed size and grain yield traits in kabuli chickpea	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2147-x
GLDC	Ranjani M. S. C Vanniarajan, Chanda Venkata Sameer Kumar, Kulbhushan Saxena, R. Sudhagar, Hingane Anupama	Genetic variability and association studies for yield and its attributes in super-early pigeonpea (Cajanus cajan (L.) Millsp.) Genotypes	Electronic Journal of Plant Breeding	Yes	No	https://doi.org/10.5958/0975-928X.2018.00082.0
GLDC	Alemu Abate, Mekbib Firew, Asnake Fikre, Seid Ahmed Kemal	Genetic Variability and Heritability in Ethiopian Grasspea (lathyrus sativus L.) Accessions	Ethiopian Journal of Crop Science	Yes	No	N/A
GLDC	Akanksha Singh, H K Dikshit, Muraleedhar Aski, Gyan Mishra, Ashutosh Sarker	Genetic Variability for Grain Iron and Zinc Concentration in Lentil	Chemical Science Review and Letters	No	No	N/A
GLDC	Jimmy Obala, Rachit Saxena, Vikas Singh, Suryanarayana Vechalapu, Roma R. Das, Abhishek Rathore, Chanda Venkata Sameer Kumar, Kulbhushan Saxena, Pangirayi Tongoona, Julia Sibiya, Rajeev Varshney	Genetic variation and relationships of total seed protein content with some agronomic traits in pigeonpea (Cajanus cajan (L.) Millsp.)	Australian journal of crop science	Yes	No	https://doi.org/10.21475/ajcs.18.12.12.p1138
GLDC	Sheetal Sharma, Shiv Kumar Agrawal, Somanagouda Patil, Sarvjeet Singh, Jagmeet Kaur, Ranjit Kaur Gill, Navneet Aggarwal, Ashutosh Kushwah	Genetic Variation for Tolerance to Herbicide Imazethapyr in Lentil (Lens culinaris Medik.)	Archives of Agronomy and Soil Science	No	Yes	https://doi.org/10.1080/03650340.2018.1463519
GLDC	Qing Lu, Haifen Lia, Yanbin Hong, Guoqiang Zhang, Shijie Wen, Xingyu Li, Guiyuan Zhou, Shaoxiong Li, Hao Liu, Haiyan Liu, Zhongjian Liu, Rajeev Varshney, Rajeev Varshney, Xiaoping Chen, Xuanqiang Liang	Genome Sequencing and Analysis of the Peanut B-Genome Progenitor (Arachis ipaensis)	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00604
GLDC	Sanjaya Gyawali, Ramesh Verma, Sajid Rehman, Shiaoman Chao, Shyam Vaish, Shiv P. Singh, Siya Ram Vishwakarma	Genome wide association studies (GWAS) of spot blotch resistance at the seedling and the adult plant stages in a collection of spring barley	Molecular Breeding	No	Yes	https://doi.org/10.1007/s11032-018-0815-0
GLDC	Amezrou Reda, Ramesh Verma, Sanjaya Gyawali, Sajid Rehman, Loubna Belquadi, Shiaoman Chao, Mustapha Arbaoui, Robert S. Brueggeman	Genome-wide association studies of net form of net blotch resistance at seedling and adult plant stages in spring barley collection	Molecular Breeding	No	Yes	https://doi.org/10.1007/s11032-018-0813-2

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GLDC	Vishwakarma, M K and Kale, S M and Sriswathi, M and Naresh, T and Shasidhar, Y and Garg, V and Pandey, M K and Varshney, R K	Genome-Wide Discovery and Deployment of Insertions and Deletions Markers Provided Greater Insights on Species, Genomes, and Sections Relationships in the Genus <i>Arachis</i>	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.02064
GLDC	P. Hima Kumari, S. Anil Kumar, S. Anil Kumar, Ramesh Katam, P. Sudhakar Reddy, M. Nagaraju, Prakash Bhanu, Trushar Shah, Ashley Henderson, Ashley Henderson, Rakesh SRIVASTAVA, G. G. Rajasheker, Annapurna Chitikineni, Rajeev Varshney, P. Rathnagiri, M. Lakshmi Narasu, Polavarapu B. Kavi Kishor	Genome-Wide Identification and Analysis of Arabidopsis Sodium Proton Antiporter (NHX) and Human Sodium Proton Exchanger (NHE) Homologs in <i>Sorghum bicolor</i>	Genes	Yes	Yes	https://doi.org/10.3390/genes9050236
GLDC	Garg, V and Agarwal, G and Pazhamala, L T and Nayak, S N and Kudapa, H and Khan, A W and Doddamani, D and Sharma, M and Kavi Kishor, P B and Varshney, R K	Genome-Wide Identification, Characterization, and Expression Analysis of Small RNA Biogenesis Purveyors Reveal Their Role in Regulation of Biotic Stress Responses in Three Legume Crops	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.00488
GLDC	M. Nagaraju, P. Sudhakar Reddy, Anil Kumar V, Anuj Kumar, Anuj Kumar, Prashanth Suravajhala, Prashanth Suravajhala, Ali Altaf, Rakesh SRIVASTAVA, Polavarapu B. Kavi Kishor, Manhoar Rao	Genome-wide in silico analysis of dehydrins in <i>Sorghum bicolor</i> , <i>Setaria italica</i> and <i>Zea mays</i> and quantitative analysis of dehydrin gene expressions under abiotic stresses in <i>Sorghum bicolor</i>	Plant gene	No	No	https://doi.org/10.1016/j.plgen.2018.01.004
GLDC	Clevenger, J and Chu, Y and Chavarro, C and Agarwal, G and Bertoli, D J and Leal-Bertoli, S C M and Pandey, M K and Vaughn, J and Abernathy, B and Barkley, N A and Hovav, R and Burrow, M and Nayak, S N and Chitikineni, A and Isleib, T G and Holbrook, C C and Jackson, S A and Varshney, R K and Ozias-Akins, P	Genome-wide SNP Genotyping Resolves Signatures of Selection and Tetrasomic Recombination in Peanut	Molecular Plant	Yes	Yes	http://doi.org/10.1016/j.molp.2016.11.015
GLDC	Xiaohua Wang, Liu Qin, Liang Yin, Yan Ren, Shuangling Li, Yanmao Shi, Thomas Alcock, Qing Xiong, Wei Qian, Xiaoyuan Chi, Manish K Pandey, Rajeev Varshney, Mei Yuan	Genomic and Transcriptomic Analysis Identified Gene Clusters and Candidate Genes for Oil Content in Peanut (<i>Arachis hypogaea</i> L.)	Plant Molecular Biology Reporter	Yes	Yes	https://doi.org/10.1007/s11105-018-1088-9
GLDC	Manish Roorkiwal, Diego Jarquin, Muneendra K. Singh, Pooran Gaur, chellapilla Bhardwaj, Abhishek Rathore, Reka Howard, et al.	Genomic-enabled prediction models using multi-environment trials to estimate the effect of genotype × environment interaction on prediction accuracy in chickpea	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-30027-2
GLDC	Chris Ojiewo, Emmanuel Sifueli Monyo, Haile Desmae, Ousmane Boukar, Clare Mukankusi, Mahendar Thudi, Manish K Pandey, Rachit Saxena, Pooran Gaur, Sushil k. et al.	Genomics, genetics and breeding of tropical legumes for better livelihoods of smallholder farmers	Plant Breeding	Yes	Yes	https://doi.org/10.1111/pbr.12554
GLDC	Funga, S and Tadesse, M and Eshete, M and Fikre, A and Korbu, L and Girma, N and Bekele, D and Mohamed, R and Bishaw, Z and Ganga Rao, N V P R and Siambi, M and Monyo, E S and Gaur, P M and Ojiewo, C O	Genotype by environment interaction on yield stability of desi type chickpea (<i>Cicer arietinum</i> L.) at major chickpea producing areas of Ethiopia	Australian Journal of Crop Science	Yes	No	http://doi.org/10.21475/ajcs.17.11.02.p297
GLDC	Hamidou Falalou, Heynikoye Mariama, Falke Achirou, Halilou Oumarou, Vincent Vadez	Genotypic Variation for Root Development, Water Extraction and Yield Components in Groundnut Under Low Phosphorus and Drought Stresses	American Journal of Agriculture and Forestry	Yes	No	https://doi.org/10.11648/j.ajaf.20180605.12

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GLDC	Purushothaman, R and Krishnamurthy, L and Upadhyaya, H D and Vadez, V and Varshney, R K	Genotypic variation in soil water use and root distribution and their implications for drought tolerance in chickpea	Functional Plant Biology	Yes	Yes	http://doi.org/10.1071/FP16154
GLDC	Saxena, R K and Kale, S M and Kumar, V and Parupalli, S and Joshi, S and Singh, V K and Garg, V and Das, R R and Sharma, M and Yamini, K N and Ghanta, A and Rathore, A and Sameer Kumar, C V and Saxena, K B and Varshney, R K	Genotyping-by-sequencing of three mapping populations for identification of candidate genomic regions for resistance to sterility mosaic disease in pigeonpea	Scientific Reports	Yes	Yes	http://doi.org/10.1038/s41598-017-01535-4
GLDC	Abdelhadi Sabraoui, Mustapha El Bouhssini, Karim El-Fakhouri, Aziz Bouchelta, Saadia Lhaloui	Grain yield losses due to leaf miner (<i>Liriomyza cicerina</i> R.) in winter- and spring-planted chickpea in Morocco	Crop Protection	No	Yes	https://doi.org/10.1016/j.cropro.2018.11.021
GLDC	Tulu Degefu, endalkachew Wolde-Meskel, Zikie Ataro, Asnake Fikre, Tilahun Amede, Chris Ojiewo	Groundnut (<i>Arachis hypogaea</i> L.) and cowpea (<i>Vigna unguiculata</i> L. Walp) growing in Ethiopia are nodulated by diverse rhizobia	African Journal of Microbiology Research	Yes	No	https://doi.org/10.5897/AJMR2017.8756
GLDC	Sharma, S and Pandey, M K and Sudini, H and Upadhyaya, H D and Varshney, R K	Harnessing Genetic Diversity of Wild <i>Arachis</i> Species for Genetic Enhancement of Cultivated Peanut	Crop Science	Yes	Yes	http://doi.org/10.2135/cropsci2016.10.0871
GLDC	Santisree, P and Bhatnagar-Mathur, P and Sharma, K K	Heat responsive proteome changes reveal molecular mechanisms underlying heat tolerance in chickpea	Environmental and Experimental Botany	No	Yes	http://doi.org/10.1016/j.envexpbot.2017.07.007
GLDC	Tesfashbamlak Mola, Shimelis Alemayehu, Asnake Fikre, Chris Ojiewo, Ketema Alemu, Tulu Degefu	Heat Tolerance Responses of Chickpea (<i>Cicer arietinum</i> L.) Genotypes in the Thermal Zone of Ethiopia, a Case of Werer Station	Ethiopian Journal of Crop Science	Yes	No	N/A
GLDC	Girma, N and Mekibib, F and Fikre, A and Keneni, G and Ganga Rao, N V P R and Gaur, P M and Ojiewo, C O	Heterosis for Nitrogen Fixation and Seed Yield and Yield Components in Chickpea (<i>Cicer arietinum</i> L.)	International Journal of Sustainable Agricultural Research	Yes	No	http://doi.org/10.18488/journal.70.2017.42.50.57
GLDC	Gaurav Agarwal, Josh Clevenger, Manish K Pandey, Hui Wang, Yaduru Shasidhar, Ye Chu, Jake C. Fountain, Divya Choudhary, et al.	High-density genetic map using whole-genome resequencing for fine mapping and candidate gene discovery for disease resistance in peanut	Plant Biotechnology Journal	Yes	Yes	https://doi.org/10.1111/pbi.12930
GLDC	Kai Mausch, Dave Harris, Dave Harris, eleanore heather, Emma Jones, Jules Yin, Michael Hauser, Michael Hauser	Households' aspirations for rural development through agriculture	Outlook On Agriculture	No	Yes	https://doi.org/10.1177/0030727018766940
GLDC	Anitha Seetha, Tsusaka Takuji, Timalizge W Munthali, Maggie Musukwa, Agnes Mwangwela, Ziona Kalumikiza, Tinna Manani, Lizzie Kachulu, Nelson Kumwenda, Mike Musoke, Patrick Okori	How immediate and significant is the outcome of training on diversified diets, hygiene and food safety? An effort to mitigate child undernutrition in rural Malawi	Public Health Nutrition	Yes	Yes	https://doi.org/10.1017/S136898001700365
GLDC	Maryam, A H and Angarawai, I I	Hybrids and Their Parents to Downy Mildew (<i>Sclerospora graminicola</i>) Infestation in Bakura and Zaria (North-western Nigeria)	World Scientific News	Yes	No	N/A
GLDC	Cynthia Gyogluu, Jaiswal S. K. Stephen Boahen, Felix D. Dakora	Identification and distribution of microsymbionts associated with soybean nodulation in Mozambican soils	Systematic and Applied Microbiology	No	Yes	https://doi.org/10.1016/j.syapm.2018.05.003
GLDC	Santosh Pattanashetti, Gopalakrishna K. Naidu, K. V. Prakyath Kumar, Omprakash Kumar Singh, Basavaraj D. Biradar	Identification of iron deficiency chlorosis tolerant sources from mini-core collection of groundnut (<i>Arachis hypogaea</i> L.)	Plant Genetic Resources	No	Yes	https://doi.org/10.1017/S1479262117000326

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GLDC	Tosh Garg, Mallikarjuna BP, Mahendar Thudi, Srinivasan Samineni, Sarvjeet Singh, Jeet Singh Sandhu, Livinder Kaur, Inderjit Singh, et al.	Identification of QTLs for resistance to Fusarium wilt and Ascochyta blight in a recombinant inbred population of chickpea (<i>Cicer arietinum</i> L.)	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2125-3
GLDC	Massaoudou Hamidou, Oumarou Souleymane, Malick BA, Eric Danquah, Issoufou Kapran, Vernon Gracen, Kwadwo Ofori	Identification of stable genotypes and genotype by environment interaction for grain yield in sorghum (<i>Sorghum bicolor</i> L. Moench)	Plant Genetic Resources	No	Yes	https://doi.org/10.1017/S1479262118000382
GLDC	Kumari Sita, Shiv Kumar Agrawal, Sarvjeet Singh, Jitendra Kumar, Harsh Nayyar, Kadambot H M Siddique, Kalpna Bhandari, Akanksha Sehgal	Impact of heat stress during seed filling on seed quality and seed yield in lentil (<i>Lens culinaris</i> Medikus) genotypes	Journal of the Science of Food and Agriculture	No	Yes	https://doi.org/10.1002/jsfa.9054
GLDC	Tardieu, F and Varshney, R K and Tuberosa, R	Improving crop performance under drought – cross-fertilization of disciplines	Journal of Experimental Botany	Yes	Yes	http://doi.org/10.1093/jxb/erx042
GLDC	Sandip Bera, Jignesh Kamdar, Swati Kasundra, Pitabas Dash, Anil Maurya, Mital Jasani, Ajay Chandrashekar, N Manivannan, R. P. Vasanthi, K. L. Dobariya, Manish K Pandey, Pasupuleti Janila, Radhakrishnan Thankappan, Rajeev Varshney	Improving oil quality by altering levels of fatty acids through marker-assisted selection of ahfad2 alleles in peanut (<i>Arachis hypogaea</i> L.)	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2241-0
GLDC	Damte, T and Ojiewo, C O	Incidence and within field dispersion pattern of pod borer, <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) in chickpea in Ethiopia	Archives of Phytopathology and Plant Protection	No	No	http://doi.org/10.1080/03235408.2017.1401758
GLDC	Singh, V K and Khan, A W and Saxena, R K and Sinha, P and Kale, S M and Parupalli, S and Kumar, V and Chitikineni, A and Vechalapu, S and Sameer Kumar, C V and Sharma, M and Ghanta, A and Yamini, K N and Muniswamy, S and Varshney, R K	Indel-seq: a fast-forward genetics approach for identification of trait-associated putative candidate genomic regions and its application in pigeonpea (<i>Cajanus cajan</i>)	Plant Biotechnology Journal	Yes	Yes	http://doi.org/10.1111/pbi.12685
GLDC	Subramaniam Gopalakrishnan, Srinivas Vadlamudi, Anilkumar Vemula, Srinivasan Samineni, Abhishek Rathore	Influence of diazotrophic bacteria on nodulation, nitrogen fixation, growth promotion and yield traits in five cultivars of chickpea	Biocatalysis and Agricultural Biotechnology	No	No	https://doi.org/10.1016/j.bcab.2018.05.006
GLDC	Ayaovi Agbessenou, Agbéko Tounou, Elie Dannon, Benjamin Datinon, Cyriaque Agboton, Ramasamy Srinivasan, Barry Pittendrigh, Manuele Tamo	Influence of Rearing Substrates and Nontarget Hosts on the Bionomics of the Tachinid Parasitoid <i>Nemorilla maculosa</i> (Diptera: Tachinidae)	Environmental Entomology	No	Yes	https://doi.org/10.1093/ee/nvy007
GLDC	SK Gupta, Devvrat Yadav, M. GOVINDARAJ, Manish Boratkar, Venkatesh Kulkarni, K. N. Rai	Inheritance of fertility restoration of A5 cytoplasmic-nuclear male sterility system in pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br.]	The Indian journal of genetics & plant breeding : official publication of the Indian Society of Genetics & Plant Breeding	No	Yes	https://doi.org/10.5958/0975-6906.2018.00029.9
GLDC	Anil Gaddameedi, K. T. Ravikiran, Riyazaddin Mohammed, Riyazaddin Mohammed, Rahul M Phuke, Sadaiah Kurapati, Polavarapu B. Kavi Kishor, Ashok Kumar Are	Inheritance studies on grain iron and zinc concentration and agronomic traits in sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Journal of Cereal Science	No	Yes	https://doi.org/10.1016/j.jcs.2018.09.007
GLDC	Mekasha Chichaybelu, Tesfaye Geleta, Nigusie Girma, Asnake Fikre, Million Eshete, Chris Ojiewo	Innovative Partnership Approach to Chickpea seed production and Technology Dissemination: Lessons from Ethiopia	Ethiopian Journal of Crop Science	Yes	No	N/A

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GLDC	Pooran Gaur, Srinivasan Samineni, MAHENDAR THUDI, Shailesh Tripathi, Sobhan Sajja, Veera Jayalakshmi, et al.	Integrated breeding approaches for improving drought and heat adaptation in chickpea (<i>Cicer arietinum</i> L.)	Plant Breeding	Yes	Yes	https://doi.org/10.1111/pbr.12641
GLDC	Abdi Mohammed, Alemayehu Chala, Chris Ojiewo, Mashilla Dejene, Chemedha Fininsa Gurmessa, Amare Ayalew, David Hoisington, Victor Sobolev, Renee Arias	Integrated management of <i>Aspergillus</i> species and aflatoxin production in groundnut (<i>Arachis hypogaea</i> L.) through application of farm yard manure and seed treatments with fungicides and <i>Trichoderma</i> species	African Journal of Plant Science	Yes	No	https://doi.org/10.5897/AJPS2018.1688
GLDC	Adimulam, S S and Bhatnagar-Mathur, P and Santisree, P	Interaction of Nitric Oxide with Phytohormones under Drought Stress	Journal of Plant Studies	Yes	No	http://doi.org/10.5539/jps.v6n1p58
GLDC	Swarnalakshmi, K and Gopalakrishnan, S and Singh, M and Pooniya, V and Srinivas, V and Chaturvedi, S K	Interactive Effect of Phosphorus Fertilization and Rhizobial Inoculation on Symbiotic and Growth Potential of Selected Chickpea Cultivars	Seed Research	No	No	N/A
GLDC	Gorthy, S and Narasu, L and Gaddameedi, A and Sharma, H C and Kotla, A and Deshpande, S P and Ashok Kumar, A	Introgression of Shoot Fly (<i>Atherigona soccata</i> L. Moench) Resistance QTLs into Elite Post-rainy Season Sorghum Varieties Using Marker Assisted Backcrossing (MABC)	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.01494
GLDC	Yigezu Yigezu, Jeff Alwang, M. Wakilur Rahman, M. Bazlur Mollah, Tamer Al-Shater, Aden A. Aw-Hassan, Ashutosh Sarker	Is DNA Fingerprinting the Gold Standard for Estimation of Adoption and Impacts? A Case of Lentils in Bangladesh	Food Policy	No	Yes	https://doi.org/10.1016/j.foodpol.2018.11.004
GLDC	Hélène Marrou, Idupulapati Rao, Thomas R. Sinclair, Michel Edmond Ghanem, Jose Jaumer Ricaurte, Jose A. Clavijo Michelangeli, Lamiae Ghaouti	Is nitrogen accumulation in grain legumes responsive to growth or ontogeny?	Physiologia Plantarum	Yes	Yes	https://doi.org/10.1111/ppl.12617
GLDC	Jacob Ulzen, Robert Abaidoo, Cargele Masso, Emmanuel Degraft Johnson Owusu-Ansah, Nana Ewusi-Mensah	Is there a need for <i>Bradyrhizobium yuanmingense</i> and <i>B. japonicum</i> re-inoculation in subsequent cropping seasons under smallholder farmers' conditions?	Applied Soil Ecology	No	Yes	https://doi.org/10.1016/j.apsoil.2018.04.003
GLDC	Chiaka Diallo, Krista Isaacs, Vernon Gracen, Vernon Gracen, Aboubacar Toure, Eva Rattunde, Eric Danquah, et al.	Learning from farmers to improve sorghum breeding objectives and adoption in Mali	Journal of Crop Improvement	No	No	https://doi.org/10.1080/15427528.2018.1531800
GLDC	M. Kermah, A. C. Franke, B. D. K. Ahiabor, Samuel Adjei-Nsiah, Robert Abaidoo, Ken Giller	Legume-maize rotation or relay? Options for ecological intensification of smallholder farms in the Guinea Savanna of northern Ghana	Experimental Agriculture	Yes	Yes	https://doi.org/10.1017/S0014479718000273
GLDC	Sushil Kumar, Charles Hash, Thirunavukkarasu Nepolean, Mahesh D. Mahendrakar, Chellapilla Satyavathi, Govind Singh, Abhishek Rathore, Rattan Yadav, Rajeev Gupta, Rakesh SRIVASTAVA	Mapping Grain Iron and Zinc Content Quantitative Trait Loci in an Inbred-Derived Immortal Population of Pearl Millet	Genes	Yes	Yes	https://doi.org/10.3390/genes9050248
GLDC	Kumar, S and Hash, C T and Nepolean, T and Satyavathi, C T and Singh, G and Mahendrakar, M D and Yadav, R S and Srivastava, R K	Mapping QTLs Controlling Flowering Time and Important Agronomic Traits in Pearl Millet	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.01731
GLDC	Vadez, V and Halilou, O and Hissene, H M and Traore, P C S and Sinclair, T R and Soltani, A	Mapping Water Stress Incidence and Intensity, Optimal Plant Populations, and Cultivar Duration for African Groundnut Productivity Enhancement	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.00432

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GLDC	Haitham Sayed, Michael Baum	Marker-assisted selection for scald (Rhynchosporium commune L.) resistance gene(s) in Barley breeding for dry areas	Journal of Plant Protection Research	Yes	No	https://doi.org/10.24425/jppr.2018.124642
GLDC	Kulbhushan Saxena, Rachit Saxena, S. Sharma, Chanda Venkata Sameer Kumar, R. Sultana, Eric J. B. von Wettberg, Rajeev Varshney	Maternal inheritance of male sterility in the progeny of a natural hybrid between <i>Cajanus lineatus</i> and <i>C. cajan</i>	Plant Breeding	No	Yes	https://doi.org/10.1111/pbr.12571
GLDC	Anupama Sharan, Ashwini Nikam, Ashwini Nikam, Abdul Jaleel, Vijayanti A. Tamhane, Pinnamaneni Srinivasa Rao	Method for Label-Free Quantitative Proteomics for Sorghum bicolor L. Moench	Tropical Plant Biology	No	Yes	https://doi.org/10.1007/s12042-018-9202-6
GLDC	Supriya Sachdeva, Bharadwaj Chellapilla, Vinay Sharma, B. S. Patil, K. Soren, Manish Roorkiwal, Rajeev Varshney, K. Bhat	Molecular and phenotypic diversity among chickpea (<i>Cicer arietinum</i>) genotypes as a function of drought tolerance	Crop and Pasture Science	No	Yes	https://doi.org/10.1071/CP17284
GLDC	Yeshvekar, R K and Nitnavare, R B and Chakradhar, T and Bhatnagar-Mathur, P and Reddy, M K and Reddy, P S	Molecular characterization and expression analysis of pearl millet plasma membrane proteolipid 3 (Pmp3) genes in response to abiotic stress conditions	Plant Gene	No	No	http://doi.org/10.1016/j.plgene.2017.05.002
GLDC	Reddy, P S and Tharanya, M and Sivasakthi, K and Srikanth, M and Hash, C T and Kholova, J and Sharma, K K and Vadez, V	Molecular cloning and expression analysis of Aquaporin genes in pearl millet [<i>Pennisetum glaucum</i> (L) R. Br.] genotypes contrasting in their transpiration response to high vapour pressure deficits	Plant Science	No	Yes	http://doi.org/10.1016/j.plantsci.2017.10.005
GLDC	Santisree, P and Bhatnagar-Mathur, P and Sharma, K K	Molecular insights into the functional role of nitric oxide (NO) as a signal for plant responses in chickpea	Functional Plant Biology	No	Yes	http://doi.org/10.1071/FP16324
GLDC	Rachit Saxena, Kishan Patel, Chanda Venkata Sameer Kumar, Kuldeep Tyagi, KB Saxena, Rajeev Varshney, Rajeev Varshney	Molecular mapping and inheritance of restoration of fertility (Rf) in A4 hybrid system in pigeonpea (<i>Cajanus cajan</i> (L.) Millsp.)	TAG Theoretical and Applied Genetics	Yes	Yes	https://doi.org/10.1007/s00122-018-3101-y
GLDC	Mallikarjuna, B P and Samineni, S and Thudi, M and Sajja, S and Khan, A W and Patil, A and Viswanatha, K P and Varshney, R K and Gaur, P M	Molecular Mapping of Flowering Time Major Genes and QTLs in Chickpea (<i>Cicer arietinum</i> L.)	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.01140
GLDC	Shasidhar, Y and Vishwakarma, M K and Pandey, M K and Janila, P and Variath, M T and Manohar, S S and Nigam, S N and Guo, B and Varshney, R K	Molecular Mapping of Oil Content and Fatty Acids Using Dense Genetic Maps in Groundnut (<i>Arachis hypogaea</i> L.)	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.00794
GLDC	Pronob Paul, Srinivasan Samineni, Mahendar Thudi, Sobhan Sajja, Abhishek Rathore, et al.	Molecular Mapping of QTLs for Heat Tolerance in Chickpea	International Journal of Molecular Sciences	Yes	Yes	https://doi.org/10.3390/ijms19082166
GLDC	Jeffrey Michler, emilia Tjernström, Simone Verkaart, Kai Mausch	Money Matters: The Role of Yields and Profits in Agricultural Technology Adoption	American Journal of Agricultural Economics	Yes	Yes	https://doi.org/10.1093/ajae/aya050
GLDC	Reddi, V R M and Gumma, M K and Pyla, K V and Eadara, A and Gummapu, J S	Monitoring Changes in Croplands Due to Water Stress in the Krishna River Basin Using Temporal Satellite Imagery	Land	Yes	No	http://doi.org/10.3390/land6040072
GLDC	Girma Fana, Diriba Tadese, Hiwot Sebsibe, Ramesh Verma	Multi-Environment Trial Analysis of Food Barley in Ethiopia using AMMI and GGE Biplot methods	International Journal of Plant Breeding and Genetics	Yes	No	https://doi.org/10.33687/pbg.006.03.2579
GLDC	Bohra, A and Jha, R and Pandey, G and Patil, P G and Saxena, R K and Singh, I P and Singh, D and Mishra, R K and Mishra, A and Singh, F and Varshney, R K and Singh, N P	New Hypervariable SSR Markers for Diversity Analysis, Hybrid Purity Testing and Trait Mapping in Pigeonpea [<i>Cajanus cajan</i> (L.) Millspaugh]	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.00377

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GLDC	Santisree, P and Adimulam, S S and Bhatnagar-Mathur, P and Sharma, K K	Nitric Oxide (NO) in Plant Heat Stress Tolerance: Current Knowledge and Perspectives	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.01582
GLDC	Gopalakrishnan, S and Srinivas, V and Samineni, S	Nitrogen fixation, plant growth and yield enhancements by diazotrophic growth-promoting bacteria in two cultivars of chickpea (<i>Cicer arietinum</i> L.)	Biocatalysis and Agricultural Biotechnology	No	No	https://doi.org/10.1016/j.bcab.2017.06.012
GLDC	Mbuvu, D A and Masiga, C W and Kuria, E and Masanga, J and Wamalwa, M and Mohamed, A and Odeny, D A and Hamza, N and Timko, M P and Runo, S	Novel Sources of Witchweed (<i>Striga</i>) Resistance from Wild Sorghum Accessions	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.00116
GLDC	Conrad Murendo, Brighton Nhau, Mazvimavi Kizito, Thamsanqa Khanye, Simon Gwara	Nutrition education, farm production diversity, and commercialization on household and individual dietary diversity in Zimbabwe	Food and Nutrition Research	Yes	No	https://doi.org/10.29219/fnr.v6.2.1276
GLDC	Wubayehu Gebremedhin, Fasil Assefa, Thuita Moses, Cargele Masso	Nutritionally versatile, abiotic stress resistant and symbiotically effective chickpea (<i>Cicer arietinum</i> L.) root nodulating rhizobial isolates from eastern, southeastern and southern Ethiopia	Electronic Journal of Biology	Yes	No	N/A
GLDC	Anitha, S and Munthali, W and Msere, H W and Swai, E and Muzanila, Y and Sichone, E and Tsusaka, T W and Rathore, A and Okori, P	Occurrence of aflatoxins and its management in diverse cropping systems of central Tanzania	Mycotoxin Research	Yes	Yes	http://doi.org/10.1007/s12550-017-0286-x
GLDC	Jacob Ulzen, Robert Abaidoo, Nana Ewusi-Mensah, Cargele Masso	On-farm evaluation and determination of sources of variability of soybean response to Bradyrhizobium inoculation and phosphorus fertilizer in northern Ghana	Agriculture, Ecosystems and Environment	Yes	No	https://doi.org/10.1016/j.agee.2018.08.007
GLDC	Amos Ngwira	Optimizing double up legumes systems for sustainable intensification in Malawi	Field Crops Research	No	Yes	N/A
GLDC	Hima Kumari, P and Anil Kumar, S and Sivan, P and Katam, R and Suravajhala, P and Rao, K S and Varshney, R K and Kavi Kishor, P B	Overexpression of a Plasma Membrane Bound Na ⁺ /H ⁺ Antiporter-Like Protein (SbNHXL) Confers Salt Tolerance and Improves Fruit Yield in Tomato by Maintaining Ion Homeostasis	Frontiers in Plant Science	Yes	Yes	http://doi.org/10.3389/fpls.2017.02027
GLDC	Abir Soltani, Moez Amri, Jouda Mediouni-Ben Jemâa, Soumaya Hamdi, Ahmet Beyareslan, Arbia Bousselmi, Lutfiye Gencerd	Parasitoids of chickpea leafminer <i>Liriomyza cicerina</i> (Diptera: Agromyzidae) and their parasitism rate on chickpea fields in North Tunisia	Journal of Asia-Pacific Entomology	No	Yes	https://doi.org/10.1016/j.aspen.2018.09.002
GLDC	Sharma, K K and Pothana, A and Prasad, K and Shah, D and Kaur, J and Bhatnagar, D and Chen, Z Y and Rarurang, Y and Cary, J W and Rajasekaran, K and Sudini, H and Bhatnagar-Mathur, P	Peanuts that keep aflatoxin at bay: a threshold that matters	Plant Biotechnology Journal	Yes	Yes	http://doi.org/10.1111/pbi.12846
GLDC	Murugesan Tharanya, Sivasakthi Kaliamoorthy, Sivasakthi Kaliamoorthy, Gloria Barzana, Jana Kholova, Thiyagarajan Thirunalasundari, Vincent Vadez, Vincent Vadez	Pearl millet (<i>Pennisetum glaucum</i>) contrasting for the transpiration response to vapour pressure deficit also differ in their dependence on the symplastic and apoplastic water transport pathways	Functional Plant Biology	No	Yes	https://doi.org/10.1071/FP17161

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GLDC	Varshney, R K and Shi, C and Thudi, M and Mariac, C and Wallace, J and Qi, P and Zhang, H and Zhao, Y and Wang, X and Rathore, A and Srivastava, R K and Chitikineni, et al.	Pearl millet genome sequence provides a resource to improve agronomic traits in arid environments	Nature Biotechnology	Yes	Yes	http://doi.org/10.1038/nbt.3943
GLDC & LIVESTOCK	Endalkachew Wolde-Meskel, Tulu Degefu, Tulu Degefu, Berhanu Gebo, Asnake Fikre, Tilahun Amede, Chris Ojiewo	Phenotypic Characteristics and Preliminary Symbiotic Effectiveness of Rhizobia Associated with Haricot Bean Growing in Diverse Locations of Southern Ethiopia	Ethiopian Journal of Crop Science	Yes	No	N/A
GLDC	Zhikai Liang, Shashi Gupta, Cheng-Ting Yeh, Yang Zhang, Daniel Ngu, Ramesh Kumar, Hemant Patil, Kanulal Mungra, Devvrat Yadav, Abhishek Rathore, Rakesh SRIVASTAVA, Rajeev Gupta, Jinliang Yang, Rajeev Varshney, Patrick Schnable, James Schnable	Phenotypic Data from Inbred Parents Can Improve Genomic Prediction in Pearl Millet Hybrids	G3	Yes	Yes	https://doi.org/10.1534/g3.118.200242
GLDC	Yifru Abera, Cargele Masso, Fassil Assefa	Phenotypic, host range and symbiotic characteristics of indigenous soybean nodulating rhizobia from Ethiopian soils	Ethiopian Journal of Agricultural Sciences	Yes	No	N/A
GLDC	Issam Meftah Kadmiri, badreddine sijilmassi, Lamiaa Chaouqui, Salah Eddine Azaroual, Kaoutar Yaakoubi, Imane Wahby	Phosphate-Solubilizing and Auxin-Producing Rhizobacteria Promote Plant Growth Under Saline Conditions	Arabian Journal for Science and Engineering	No	Yes	https://doi.org/10.1007/s13369-017-3042-9
GLDC	Chanda Venkata Sameer Kumar, NVPR Ganga Rao, Rachit Saxena, Kulbhushan Saxena, Hari D. Upadhyaya, Moses Siambi, Said Silim, et al.	Pigeonpea improvement: An amalgam of breeding and genomic research	Plant Breeding	Yes	Yes	https://doi.org/10.1111/pbr.12656
GLDC	Saxena, R K and Sameer Kumar, C V and Bohra, A and Singh, I P and Singh, N P and Varshney, R K	Pigeonpea Research for Enhancing Crop Productivity	Pulse India	Yes	No	N/A
GLDC	Sathya, A and Vijayabharathi, R and Gopalakrishnan, S	Plant growth-promoting actinobacteria: a new strategy for enhancing sustainable production and protection of grain legumes	3 Biotech	Yes	Yes	http://doi.org/10.1007/s13205-017-0736-3
GLDC	Sivasakthi Kaliamoorthy, Mahendar Thudi, Murugesan Tharanya, Murugesan Tharanya, Sandip Kale, Jana Kholova, et al.	Plant vigour QTLs co-map with an earlier reported QTL hotspot for drought tolerance while water saving QTLs map in other regions of the chickpea genome	BMC Plant Biology	Yes	Yes	https://doi.org/10.1186/s12870-018-1245-1
GLDC	Chakravarty, S and Bera, T and Agnihotri, M and Jaba, J	Population Dynamics of Lobster Moth, Neostauropus alternus Walker on Pigeonpea in Relation to Abiotic Factors of Pantnagar Region	Environment and Ecology	Yes	No	N/A
GLDC	Prinyanka Gupta, Sripada M. Udupa, Debjyoti Sen Gupta, Debjyoti Sen Gupta, Jitendra Kumar, Shiv Kumar Agrawal	Population structure analysis and determination of neurotoxin content in a set of grass pea (Lathyrus sativus L.) accessions of Bangladesh origin	Crop Journal	Yes	Yes	https://doi.org/10.1016/j.cj.2018.03.004
GLDC	Upadhyaya, H D and Dwivedi, S L and Vetriventhan, M and Krishnamurthy, L and Singh, S K	Post-Flowering Drought Tolerance Using Managed Stress Trials, Adjustment to Flowering, and Mini Core Collection in Sorghum	Crop Science	No	Yes	http://doi.org/10.2135/cropsci2016.04.0280
GLDC	Aditya Aditya Parmar, Asnake Fikre, Barbara Sturm, Barbara Sturm, Oliver Hensel	Post-harvest management and associated food losses and by-products of cassava in southern Ethiopia	Food Security	No	Yes	https://doi.org/10.1007/s12571-018-0774-7
GLDC	Sharma, S	Prebreeding Using Wild Species for Genetic Enhancement of Grain Legumes at ICRISAT	Crop Science	Yes	Yes	http://doi.org/10.2135/cropsci2017.01.0033

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GLDC	Massaoudou Hamidou, Oumarou Souleymane, Malick BA, Eric Danquah, Issoufou Kapran, Vernon Gracen, Kwadwo Ofori	Principal component analysis of early generation sorghum lines for yield-contributing traits and resistance to midge	Journal of Crop Improvement	No	No	https://doi.org/10.1080/15427528.2018.1498423
GLDC	Kunchala, R and Durgalla, P and Banerjee, R and Mazumdar, S D and Srinivas, V and Gopalakrishnan, S	Probiotic Potential Streptomyces Species From The Grains Of Pearl Millet (Pennisetum Glaucum)	African Journal of Microbiology Research	Yes	No	http://doi.org/10.5897/AJMR2017.8469
GLDC	Hakeem Ajeigbe, Folorunso Akinseye, Folorunso Akinseye, Ayuba Kuniha, Jonah Jerome	Productivity and Water Use Efficiency of Sorghum [Sorghum bicolor (L.) Moench] Grown under Different Nitrogen Applications in Sudan Savanna Zone, Nigeria	International Journal of Agronomy	Yes	No	https://doi.org/10.1155/2018/7676058
GLDC	Rajeev Varshney, Roberto Tuberosa, Francois Tardieu	Progress in understanding drought tolerance: from alleles to cropping systems	Journal of Experimental Botany	Yes	Yes	https://doi.org/10.1093/jxb/ery187
GLDC	Jake Fountain, Jin Koh, Jin Koh, Jin Koh, Liming Yang, Manish K Pandey, Spurthi Nayak, Prasad Bajaj, Weijian Zhuang, Zhi-Yuan Chen, Robert Kemera, R. Lee, Sixue Chen, Rajeev Varshney, Baozhu Guo	Proteome analysis of Aspergillus flavus isolate-specific responses to oxidative stress in relationship to aflatoxin production capability	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-21653-x
GLDC	Naresh Prathi, Paramita Palit, Paramita Palit, P. Madhu, M. Ramesh, G. S. Laha, S. M. Balachandran, M. Madhav, R. M. Sundaram, Satendra Mangrauthia	Proteomic and transcriptomic approaches to identify resistance and susceptibility related proteins in contrasting rice genotypes infected with fungal pathogen Rhizoctonia solani	Plant Physiology and Biochemistry	No	Yes	https://doi.org/10.1016/j.plaphy.2018.07.012
GLDC	Moctar Kante, Henry Rattunde, Baloua Nébié, Eva Weltzien, Bettina Haussmann, Willmar Leiser	QTL mapping and validation of fertility restoration in West African sorghum A1 cytoplasm and identification of a potential causative mutation for Rf2	TAG Theoretical and Applied Genetics	Yes	Yes	https://doi.org/10.1007/s00122-018-3161-z
GLDC	Pandey, M K and Khan, A W and Singh, V K and Vishwakarma, M K and Shasidhar, Y and Kumar, V and Garg, V and Bhat, R S and Chitikineni, A and Janila, P and Guo, B and Varshney, R K	QTL-seq approach identified genomic regions and diagnostic markers for rust and late leaf spot resistance in groundnut (Arachis hypogaea L.)	Plant Biotechnology Journal	Yes	Yes	http://doi.org/10.1111/pbi.12686
GLDC	Djanaguiraman, M and Perumal, R and Ciampitti, I A and Gupta, S K and Prasad, P V V	Quantifying pearl millet response to high temperature stress: thresholds, sensitive stages, genetic variability and relative sensitivity of pollen and pistil	Plant, Cell and Environment	No	Yes	http://doi.org/10.1111/pce.12931
GLDC	Kukom Edoh Ognakossan, Christopher M. Mutungi, Christopher M. Mutungi, Christopher M. Mutungi, Tobias Otieno, Tobias Otieno, Hippolyte D. Affognon, Daniel Sila, Willis O. Owino	Quantitative and quality losses caused by rodents in on-farm stored maize: a case study in the low land tropical zone of Kenya	Food Security	No	Yes	https://doi.org/10.1007/s12571-018-0861-9
GLDC	Tabassum, A and Bhat, B N and Sudini, H	Reaction of Groundnut Advanced Breeding lines to Groundnut Bud Necrosis Disease	International Journal of Current Microbiology and Applied Sciences	Yes	No	http://doi.org/10.20546/ijcmas.2017.610.216
GLDC	Thuita Moses, Bernard Vanlauwe, E. Mutegi, Cargele Masso	Reducing spatial variability of soybean response to rhizobia inoculants in farms of variable soil fertility in Siaya County of western Kenya	Agriculture, Ecosystems and Environment	Yes	No	https://doi.org/10.1016/j.agee.2018.01.007
GLDC	Guiguitant, J and Marrou, H and Vadez, V and Gupta, P and Kumar, Shiv and Soltani, A and Sinclair, T R and Ghanem, M E	Relevance of limited-transpiration trait for lentil (Lens culinaris Medik.) in South Asia	Field Crops Research	No	Yes	http://doi.org/10.1016/j.fcr.2017.04.013
GLDC	Robert Huber, Adrienne Grêt-Regamey, Roman Seidl, Quang Bao Le, Martha Bakker, et al.	Representation of decision-making in European agricultural agent-based models	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agry.2018.09.007

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GLDC	Patrick Lhomme, Heather Hines	Reproductive Dominance Strategies in Insect Social Parasites	Journal of Chemical Ecology	No	Yes	https://doi.org/10.1007/s10886-018-0971-z
GLDC	Samuel Adjei-Nsiah, B. U. Alabi, J. K. Ahiakpa, Fred Kanampiu	Response of grain legumes to phosphorus application in the guinea savanna agro-ecological zones of Ghana	Agronomy Journal	Yes	Yes	https://doi.org/10.2134/agronj2017.11.0667
GLDC	Ajeigbe, H A and Motagi, B N and Abdulsalam, S A	Response of Irrigated Groundnut to Polythene Mulching on Broad Bed and Furrows during the Low Temperature Months in Nigeria	International Journal of Environment, Agriculture and Biotechnology	Yes	No	http://doi.org/10.22161/ijeab/2.5.53
GLDC	Marilyne Debieu, Bassirou Sine, Bassirou Sine, Sixtine Passot, Alexandre Grondin, Alexandre Grondin, Eyanawa Akata, Eyanawa Akata, et al.	Response to early drought stress and identification of QTLs controlling biomass production under drought in pearl millet	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0201635
GLDC	Mujuka, E A and Affognon, H D and Muriithi, B W and Subramanian, S and Irungu, P and Mburu, J	Returns to research and outreach for integrated pest management of western flower thrips infesting French bean and tomato in Kenya	International Journal of Tropical Insect Science	No	Yes	http://doi.org/10.1017/S1742758417000029
GLDC	Keyvan Mashaki, Garg Vanika, Ali Asghar Ghomi, Hima bindu Kudapa, Annapurna Chitikineni, Khalil Nezhad, Ahad Yamchi, Hasan Soltanloo, Rajeev Varshney, Mahendar Thudi	RNA-Seq analysis revealed genes associated with drought stress response in kabuli chickpea (Cicer arietinum L.)	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0199774
GLDC	Purushothaman, R and Krishnamurthy, L and Upadhyaya, H D and Vadez, V and Varshney, R K	Root traits confer grain yield advantages under terminal drought in chickpea (Cicer arietinum L.)	Field Crops Research	Yes	Yes	http://doi.org/10.1016/j.fcr.2016.11.004
GLDC	Mohammed Abdulradh, Osamah Jbara, Kamel Shideed, Boubaker Dhehibi	Salinity Impacts on Environmental Efficiency of Wheat farms in Central of Iraq	Iraqi Journal of Agricultural Sciences	Yes	No	N/A
GLDC	Kenta Shirasawa, Ramesh Bhat, Yogendra P. Khedikar, Venkataswamy Sujay, Rohini M. Kolekar, Sharanabasappa Yeri, Mallenahally Sukruth, Cholin Sarvamangala, Byregowda Asha, Manish K Pandey, Rajeev Varshney, Makenahally V C Gowda	Sequencing Analysis of Genetic Loci for Resistance for Late Leaf Spot and Rust in Peanut (Arachis hypogaea L.)	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01727
GLDC	Hakeem Ajeigbe, Folorunso Akinseye, Folorunso Akinseye, Ayuba Kunihiya, Jonah Jerome	Sorghum yield and water use under Phosphorus fertilization applications in the Sudan savanna of Nigeria	Global Advanced Research Journal of Agricultural Science	Yes	No	N/A
GLDC	Teluguntla, P and Thenkabail, P S and Xiong, J and Gumma, M K and Congalton, R G and Oliphant, A and Poehnelt, J and Yadav, K and Rao, M and Massey, R	Spectral matching techniques (SMTs) and automated cropland classification algorithms (ACCAs) for mapping croplands of Australia using MODIS 250-m time-series (2000–2015) data	International Journal of Digital Earth	Yes	Yes	http://doi.org/10.1080/17538947.2016.1267269
GLDC	Zongo, A and Khera, P and Sawadogo, M and Shasidhar, Y and Sriswathi, M and Vishwakarma, M K and Sankara, P and Ntare, B R and Varshney, R K and Pandey, M K and Desmae, H	SSR markers associated to early leaf spot disease resistance through selective genotyping and single marker analysis in groundnut (Arachis hypogaea L.)	Biotechnology Reports	Yes	Yes	http://doi.org/10.1016/j.btre.2017.07.005
GLDC	Asnake Fikre, Assefa Funga, Lijalem Korbu, Million Eshete, Niguse Girma, Asrat Zewdie, Dagnachew Bekele, Redwan Muhamed, Ketema Daba, Chris Ojiewo	Stability Analysis in Chickpea Genotype Sets as Tool for Breeding Germplasm Structuring Strategy and Adaptability Scoping	Ethiopian Journal of Crop Science	Yes	No	N/A
GLDC	Laura Schmidt, Korbinian Hartberger, Susanne Kobbe, Thomas Falk, Maren Wesselow, Charlotte Schumann	Stakeholder Involvement in Transdisciplinary Research: Lessons from Three Projects on Sustainable Land Management in a North-South Setting	GAiA	No	Yes	https://doi.org/10.14512/gaia.27.3.12

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GLDC	Zewdie Bishaw, Adamu Molla Tiruneh, Abebe Atilaw, Amsalu Ayana	Strategies and Innovative Approaches for Food Legumes Seed Delivery in Ethiopia	Ethiopian Journal of Crop Science	No	No	N/A
GLDC	Rajendran Vijayabharathi, Subramaniam Gopalakrishnan, Sathya Arumugam, Vasanth Kumar, Srinivas Vadlamudi, Sharma Mamta	Streptomyces sp. as plant growth-promoters and host-plant resistance inducers against Botrytis cinerea in chickpea	Biocontrol Science and Technology	No	Yes	https://doi.org/10.1080/09583157.2018.1515890
GLDC	Tadesse, M and Turoop, L and Ojiewo, C O	Survey of Chickpea (Cicer arietinum L) Ascochyta Blight (Ascochyta rabiei Pass.) Disease Status in Production Regions of Ethiopia	Plant	Yes	No	http://doi.org/10.11648/j.plant.20170501.15
GLDC	Samuel Njoroge, John Takan, Elias Letayo, Patrick Okoth, Daniel Ajaku, Anil Kumar V, Abhishek Rathore, Henry Ojulong, Eric Manyasa	Survey of Fungal Foliar and Panicle Diseases of Sorghum in Important Agroecological Zones of Tanzania and Uganda	Plant health progress	No	No	https://doi.org/10.1094/PHP-04-18-0013-S
GLDC	Mausch, K and Orr, A and Miller, B P	Targeting resilience and profitability in African smallholder agriculture: Insights from ICRISAT-led research programs	Facets	Yes	No	http://doi.org/10.1139/facets-2017-0029
GLDC	Bhandari, K and Sharma, K D and Rao, B H and Siddique, K H M and Gaur, P M and Agrawal, S K and Nair, R M and Nayyar, H	Temperature sensitivity of food legumes: a physiological insight	Acta Physiologiae Plantarum	No	Yes	http://doi.org/10.1007/s11738-017-2361-5
GLDC	KB Saxena, Rachit Saxena, Suraj Prasad Sharma, Chanda Venkata Sameer Kumar, R. Sultana, Eric J. B. von Wettberg, Rajeev Varshney	The drivers and methodologies for exploiting wild Cajanus genome in pigeonpea breeding	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2298-9
GLDC	Laouali Karimoune, Malick BA, Malick BA, Ibrahim Baoua, Rangaswamy Muniappan	The parasitoid Trichogrammatoidea armigera Nagaraja (Hymenoptera: Trichogrammatidae) is a potential candidate for biological control of the millet head miner Heliocheilus albipunctella (de Joannis) (Lepidoptera: Noctuidae) in the Sahel	Biological Control	No	Yes	https://doi.org/10.1016/j.biocntrol.2018.08.003
GLDC	Kergna, A and Smale, M and Assima, A and Diallo, A and Weltzien, E and Rattunde, F	The potential economic impact of Guinea-race sorghum hybrids in Mali: A comparison of research and development paradigms	African Journal of Agricultural and Resource Economics	Yes	No	N/A
GLDC	Hima bindu Kudapa, Garg Vanika, Annapurna Chitikineni, Rajeev Varshney	The RNA-Seq-based high resolution gene expression atlas of chickpea (Cicer arietinum L.) reveals dynamic spatio-temporal changes associated with growth and development	Plant, Cell and Environment	Yes	Yes	https://doi.org/10.1111/pce.13210
GLDC	A. Ramya, M. Lal Ahamed, Tara Satyavathi, Abhishek Rathore, Pooja Katiyar, A. G. Raj, Sushil Kumar, Rajeev Gupta, Mahesh D. Mahendrakar, Rattan Yadav, Rakesh SRIVASTAVA	Towards Defining Heterotic Gene Pools in Pearl Millet [Pennisetum glaucum (L.) R. Br.]	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2017.01934
GLDC	Zongo, A and Nana, A T and Sawadogo, M and Konate, A K and Sankara, P and Ntare, B R and Desmae, H	Variability and Correlations among Groundnut Populations for Early Leaf Spot, Pod Yield, and Agronomic Traits	Agronomy	Yes	No	http://doi.org/10.3390/agronomy7030052
GLDC	Djibril Aboubaka Souna, Aimé Bokonon-Ganta, Elie Dannon, Nazyhatou Imorou, Benjamin Agui, Antonino Cusumano, Ramasamy Srinivasan, Barry Pittendrigh, Anne-Nathalie Volkof, Manuele Tamo	Volatiles from Maruca vitrata (Lepidoptera, Crambidae) host plants influence olfactory responses of the parasitoid Therophilus javanus (Hymenoptera, Braconidae, Agathidinae)	Biological Control	Yes	Yes	https://doi.org/10.1016/j.biocntrol.2018.11.002
GLDC	Simone Verkaart, Kai Mausch, Dave Harris	Who are those people we call farmers? Rural Kenyan aspirations and realities	Development in Practice	Yes	No	https://doi.org/10.1080/09614524.2018.1446909

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GLDC	Varshney, R K., Saxena, R K., Upadhyaya, H D., Khan, A W., Yu, Y and Kim, C et al.	Whole-genome resequencing of 292 pigeonpea accessions identifies genomic regions associated with domestication and agronomic traits	Nature Genetics	No	Yes	http://doi.org/10.1038/ng.3872
GLDC	Margaret Banka, Robert Abaidoo, Simon Charles Fialor, Cargele Masso, Robert Aidoo	Willingness to pay for biofertilizers among grain legume farmers in northern Ghana	Journal of Scientific Research and Reports	Yes	No	https://doi.org/10.9734/jsrr/2018/40457
GLDC	Dina Najjar, Bipasha Baruah, Aden A. Aw-Hassan, Bentaibi Abderrahim, Girma Kassie	Women, Work and Wage Equity in Agricultural Labour in Saiss, Morocco	Development in Practice	No	No	https://doi.org/10.1080/09614524.2018.1449813
GLDC & A4NH	Alamu, E.O., Gondwe, T., Akello, J., Sakala, N., Munthali, G., Mukanga, M. & Maziya-Dixon, B.	Nutrient and aflatoxin contents of traditional complementary foods consumed by children of 6–24 months	Food Science & Nutrition	No	Yes	https://doi.org/10.1002/fsn3.621
GLDC & CCAFS & MAIZE	Kanampiu F, Makumbi D, Mageto E, Omany G, Waruingi S, Musyoka P, Ransom J.	Assessment of Management Options on Striga Infestation and Maize Grain Yield in Kenya	Weed Science	Yes	Yes	http://doi.org/10.1017/wsc.2018.4
GLDC & LIVESTOCK	Adem, M.; Amede, Tilahun; Fikre, A.; Ojiewo, C.; Degefu, T.; Woldemeskel, Endalkachew	Morphophysiological diversity of rhizobia nodulating pigeon pea (Cajanus cajan L. Millsp.) growing in Ethiopia	African journal of biotechnology	Yes	No	https://doi.org/10.5897/AJB2017.16338
GLDC & MAIZE	Manda, J., Gardebroek, C., Kuntashula, E. & Alene, A.	Impact of improved maize varieties on food security in eastern Zambia: a doubly robust analysis	Review of Development Economics	No	Yes	https://doi.org/10.1111/rode.12516
GLDC & MAIZE & WHEAT	Patti Petesch, Renee Bullock, Shelley Feldman, Lone Bech Badstue, Anne Rietveld, Wenda BAUCHSPIES, Adelbertus kamanzi, Amare Tegbaru, Jummai Yila	Local normative climate shaping agency and agricultural livelihoods in sub-Saharan Africa	Journal of Gender, Agriculture and Food Security	Yes	No	https://doi.org/10.19268/JGAFS.312018.5
GLDC & RICE	Rajeev Varshney, Vikas Singh, Arvind Kumar Verma, Wayne Powell, Mark Earl Sorrells	Can genomics deliver climate-change ready crops?	Plant Biology	Yes	Yes	https://doi.org/10.1016/j.pbi.2018.03.007
GLDC & RICE	Gumma, Murali Krishna, Andrew Nelson and Takashi Yamano	Mapping drought-induced changes in rice area in India	International Journal of Remote Sensing	No	Yes	https://www.tandfonline.com/doi/abs/10.1080/01431161.2018.1547456?journalCode=tres20
GLDC & WLE	Diwediga, Badabate; Le , Quang Bao; Agodzo, Sampson K.; Tamene, Lulseged D.; Wala, Kperkouma.	Modelling soil erosion response to sustainable landscape management scenarios in the Mo River Basin (Togo, West Africa)	Science of the Total Environment	No	Yes	https://doi.org/10.1016/j.scitotenv.2017.12.228
GLDC & WLE	J. Van Heerwaarden, Frederick Baijukya, Stephen Boahen, Samuel Adjei-Nsiah, Peter Ebanyat, Nkeki Kama, endalkachew Wolde-Meskel, Fred Kanampiu, Bernard Vanlauwe, Ken Giller	Soyabean response to rhizobium inoculation across sub-Saharan Africa: Patterns of variation and the role of promiscuity	Agriculture, Ecosystems and Environment	Yes	No	https://doi.org/10.1016/j.agee.2017.08.016
LIVESTOCK	Stott, A.W.; Ahmadi, B.V.; Gunn, G.J.; Rich, Karl M.; Barratt, A.S.; Arnoult, M.H.	A framework for estimating society's economic welfare following the introduction of an animal disease: The case of John's disease	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0198436
LIVESTOCK	Dizyee, K.; Lule, Peter M.; Birungi, Rosemirta; Ouma, E.A.; Dione, Michel M.; Mayega, L.	African swine fever control and market integration in Ugandan peri-urban smallholder pig value chains: An ex-ante impact assessment of interventions and their interaction	Preventive Veterinary Medicine	Yes	Yes	https://doi.org/10.1016/j.prevetmed.2017.12.010
LIVESTOCK	Kagabo, Desire M.; Ebong, Cyprian; Paul, Birthe K.; Birnholz, Celine; Gahigi, A.; Groot, Jeroen C.J.; Herrero, Mario T.; Vanlauwe, Bernard; Notenbaert, An Maria Omer; Frelat, Romain; Wijk, Mark T. van	Agricultural intensification scenarios, household food availability and greenhouse gas emissions in Rwanda: Ex-ante impacts and trade-offs	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2017.02.007

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LIVEST OCK	Kodukula, P.; Blümmel, Michael; Nielson, C.; Pothu, S.; Teymouri, F.; Moore, J.; Devulapalli, R.	Ammonia Fiber Expansion (AFEX) as spin off technology from 2nd generation biofuel for upgrading cereal straws and stovers for livestock feed	Animal Feed Science & Technology	No	Yes	https://doi.org/10.1016/j.anifeeds.2017.12.016
LIVEST OCK	Dakor, F.D.; Beyan, S.M.; Woldemeskel, Endalkachew	An assessment of plant growth and N2 fixation in soybean genotypes grown in uninoculated soils collected from different locations in Ethiopia	Symbiosis	Yes	Yes	https://doi.org/10.1007/s13199-018-0540-9
LIVEST OCK	Lie, Helene; Dizyee, Kanar; Hoek, Rein van der; Rich, Karl M.	An empirical evaluation of policy options for inclusive dairy value chain development in Nicaragua: A system dynamics approach	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2018.03.008
LIVEST OCK	Toye, Philip G.; Shiels, B.; Morrison, W. Ivan; Klerk-Lorist, L.M. de; Hemmink, J.D.; Sitt, T.; Pelle, Roger; Weir, W.	Ancient diversity and geographical sub-structuring in African buffalo <i>Theileria parva</i> populations revealed through metagenetic analysis of antigen-encoding loci	International Journal for Parasitology	Yes	Yes	https://doi.org/10.1016/j.ijpara.2017.10.006
LIVEST OCK	Escobar-Dodero, J.; Zimin-Veselkoff, N.; Mardones, F.O.; Singer, R.S.; Ibarra, R.; Atlagich, M.; Rich, Karl M.; Jacob, R.; Adasme, M.; Estrada, C.; Kamp, A.	Animal production, animal health and food safety: Gaps and challenges in the Chilean industry	Food Microbiology	No	Yes	https://doi.org/10.1016/j.fm.2017.10.004
LIVEST OCK	Porphyre, T.; Auty, H.K.; Rich, Karl M.	Assessing the Economic Impact of Vaccine Availability When Controlling Foot and Mouth Disease Outbreaks	Frontiers in Veterinary Science	Yes	Yes	https://doi.org/10.3389/fvets.2018.00047
LIVEST OCK	Shome, B.R.; Barbuddhe, S.B.; Natesan, K.; Niranjanamurthy, H.H.; Sairiwal, L.; Shome, R.; Sahare, A.; Shekar, R.; Rahman, Habibar; Bambal, R.G.; Kalleshamurthy, T.; Kilari, S.	Assessment of fluorescence polarization assay: a candid diagnostic tool in <i>Brucella abortus</i> strain 19 vaccinated areas	Microbiology and Immunology	No	Yes	https://doi.org/10.1111/1348-0421.12654
LIVEST OCK	Ergano, Kebebe	Bridging technology adoption gaps in livestock sector in Ethiopia: A innovation system perspective	Technology in Society	Yes	Yes	https://doi.org/10.1016/j.techsoc.2018.12.002
LIVEST OCK	Tijhaar, Edwin; Nene, Vishvanath; Silva, Joana C.; Tretina, Kyle; Nyagwange, James; Pelle, Roger; Ternette, Nicola; Mobegi, Fredrick	Characterization of the <i>Theileria parva</i> sporozoite proteome	International Journal for Parasitology	Yes	Yes	https://doi.org/10.1016/j.ijpara.2017.09.007
LIVEST OCK	Hur, T.; Lee, S.; Park, J.E.; Park, W.; Dessie, Tadelle; Srikanth, K.; Te Pas, M.F.W.; Park, M.; Kim, M.S.; Kim, J.M.; Lim, D.; Kemp, Stephen J.	Comparative transcriptome analysis of Ethiopian indigenous chickens from low and high altitudes under heat stress condition reveals differential immune response	Animal Genetics	Yes	Yes	https://doi.org/10.1111/age.12740
LIVEST OCK	Mekasha, Yoseph; Gizaw, Solomon; Haile, Aynalem; Bayou, E.	Definition of smallholder Sheko cattle keepers breeding objectives through phenotypic ranking and choice experiments in Ethiopia	African Journal of Agricultural Research	Yes	Yes	https://doi.org/10.5897/ajar2014.9119
LIVEST OCK	Han Jianlin; Pu, Y.?B.; Ma, Y.?H.; He, X.?H.; Liu, X.?X.; Zhao, Q.?J.; Pan, J.?F.; Jiang, L.	Detecting selection signatures on the X chromosome of the Chinese Debao pony	Journal of Animal Breeding & Genetics	No	Yes	https://doi.org/10.1111/jbg.12314
LIVEST OCK	Wegi, Teklu; Rischkowsky, Barbara A.; Animut, Getachew; Wamatu, Jane; Tolera, Adugna	Effects of feeding different varieties of faba bean (<i>Vicia faba</i> L.) straws with concentrate supplement on feed intake, digestibility, body weight gain and carcass characteristics of Arsi-Bale sheep	Asian-Australasian Journal of Animal Sciences	Yes	Yes	https://doi.org/10.5713/ajas.170736
LIVEST OCK	Jian-Feng Liu; Dan Wang; Shengli Zhang; Qin Zhang; Chao Ning; Xianrui Zheng; Mrode, Raphael A.	Eigen decomposition expedites longitudinal genome-wide association studies for milk production traits in Chinese Holstein	Genetics Selection Evolution	Yes	Yes	https://doi.org/10.1186/s12711-018-0383-0

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LIVEST OCK	Teshome, Dereje; Wieland, Barbara; Sori, Teshale; Sacchini, Flavio	Epidemiological investigations of contagious caprine pleuropneumonia in selected districts of Borana zone, Southern Oromia, Ethiopia	Tropical Animal Health & Production	Yes	Yes	https://doi.org/10.1007/s11250-018-1744-y
LIVEST OCK	Rugalabam, J.; Ngunga, D.; Fischer, G.; Malima, G.; Wittich, S.; Sikumba, G.; Lukuyu, B.	Gender and mechanization: Exploring the sustainability of mechanized forage chopping in Tanzania	Journal of Rural Studies	Yes	Yes	https://doi.org/10.1016/j.jrurstud.2018.09.012
LIVEST OCK	Odongo, David O.; Kiara, Henry K.; Mwacharo, Joram M.; Marcellino, Wani L.; Mbole-Kariuki, Mary N.; Bishop, Richard P.; et al.	Genetic diversity and population structure of Theileria parva in South Sudan	Ticks and Tick-borne Diseases	No	Yes	https://doi.org/10.1016/j.ttbdis.2018.03.002
LIVEST OCK	Rasche, F.; Degefu, T.; Woldemeskel, Endalkachew	Genetic diversity and symbiotic effectiveness of Bradyrhizobium strains nodulating selected annual grain legumes growing in Ethiopia	International Journal of Systematic and Evolutionary Microbiology	Yes	Yes	https://doi.org/10.1099/ijsem.0.002486
LIVEST OCK	Yang, M.; Yang, N.; Zhao, Q.; Li, Y.; Rouzi, M.; Mwacharo, Joram M.; Pu, Y.; Ma, Y.; Song, S.; Jiang, L.; He, X.	Genome-wide discovery of lincRNAs with spatiotemporal expression patterns in the skin of goat during the cashmere growth cycle	BMC Genomics	Yes	Yes	https://doi.org/10.1186/s12864-018-4864-x
LIVEST OCK	Dadi, H.; Dessie, Tadelles; Kim, K.S.; Uzzaman, M.R.; Kim, E.S.; Rothschild, M.F.; Sonstegard, T.S.; Edea, Z.	Genome-wide scan reveals divergent selection among taurine and zebu cattle populations from different regions	Animal Genetics	No	Yes	https://doi.org/10.1111/age.12724
LIVEST OCK	Wang, X.; Han Jianlin; Jia, C.; Liu, G.; Wang, Z.; Zhao, H.; Zhao, F.	Genomic Prediction for 25 Agronomic and Quality Traits in Alfalfa (Medicago sativa)	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01220
LIVEST OCK	Morris, C.; Hartley, S.; Goulson, D.G.; Reganold, J.; Prasad, P.V.; Rockström, J.; Godfray, H.C.Jet al.	Global assessment of agricultural system redesign for sustainable intensification	Nature Sustainability	No	Yes	https://doi.org/10.1038/s41893-018-0114-0
LIVEST OCK	Mezgebe, Gebretnsae; Urge, Mengistu; Gizaw, Solomon	Growth, reproductive, and productive performance of Begait cattle under different herd management systems in northern Ethiopia	Tropical Animal Health & Production	No	Yes	https://doi.org/10.1007/s11250-018-1560-4
LIVEST OCK	Ritho, Cecilia; Karanja Ng'ang'a, Stanley; Fraval, Simon; Herrero, Mario T.	Household-oriented benefits largely outweigh commercial benefits derived from cattle in Mabalane District, Mozambique	The Rangeland Journal	No	Yes	https://doi.org/10.1071/rj17115
LIVEST OCK	Jensen, Nathaniel D.; Mude, Andrew G.; Barrett, Christopher B.	How basis risk and spatiotemporal adverse selection influence demand for index insurance: Evidence from northern Kenya	Food Policy	No	Yes	https://doi.org/10.1016/j.foodpol.2018.01.002
LIVEST OCK	Han Jianlin; Zeng, L.L.; Li, R.Z.; Xie, Y.L.; Chao, S.Y.; Xu, J.T.; Guanque, Z.X.; Lei, C.Z.; Sun, Y.G.; Chen, S.M.; Zhao, X.C.; Ma, Z.J.; Xia, X.T.	Identification and diversity of Y-chromosome haplotypes in Qinghai yak populations	Animal Genetics	No	Yes	https://doi.org/10.1111/age.12723
LIVEST OCK	Steinaa, Lucilla; Kibwana, Elisabeth; Awino, Elias; Ndiwa, Nicholas N.; Nene, Vishvanath; Njoroge, Thomas; Poole, Elizabeth J.; Mwalimu, Stephen M.; Saya, R.; Pelle, Roger; Lacasta, Anna	Immune parameters to p67C antigen adjuvanted with ISA206VG correlate with protection against East Coast fever	Vaccine	Yes	Yes	https://doi.org/10.1016/j.vaccine.2018.01.087
LIVEST OCK	Lee, K.W.; Ji, H.C.; Lee, S.H.; Kabir, A.H.; Rahman, M.A.; Jones, Christopher S.	Importance of Mineral Nutrition for Mitigating Aluminum Toxicity in Plants on Acidic Soils: Current Status and Opportunities	International Journal of Molecular Sciences	Yes	Yes	https://doi.org/10.3390/ijms19103073
LIVEST OCK	Jores, Joerg; Vashee, S.; Schieck, Elise G.; Liljander, Anne M.; Sacchini, Flavio; Blanchard, A.; Labroussaa, F.; Lartigue, C.; Posthaus, H.	In vivo role of capsular polysaccharide in Mycoplasma mycoides	Journal of Infectious Diseases	Yes	Yes	https://doi.org/10.1093/infdis/jiy713

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LIVESTOCK	Shome, B.R.; Natesan, K.; Vishnu, U.S.; Shome, R.; Rahman, Habibur; Prajapati, A.; Sankarasubramanian, J.; Sahay, S.; Rajendhran, J.	Insights into the genome sequence of ovine <i>Pasteurella multocida</i> type A strain associated with pneumonic pasteurellosis	Small Ruminant Research	No	Yes	https://doi.org/10.1016/j.smallrumres.2018.10.004
LIVESTOCK	Tarekgn, G.M.; Mwacharo, Joram M.; Djikeng, Appolinaire; Mrode, Raphael A.	Invited review: Genomic selection for small ruminants in developed countries: how applicable for the rest of the world?	animal	Yes	Yes	https://doi.org/10.1017/s1751731117003688
LIVESTOCK	Banerjee, Rupsha R.; Baltenweck, Isabelle; Omondi, Immaculate A.	Leveraging Development Programs – Livestock Research	Encyclopedia of Food Security and Sustainability	No	No	https://doi.org/10.1016/b978-0-08-100596-5.21564-3
LIVESTOCK	Rich, Karl M.; Hogeveen, H.; Daryanto, A.; van Horne, P.; Indrawan, D.	Linking Supply Chain Governance and Biosecurity in the Context of HPAI Control in Western Java: A Value Chain Perspective	Frontiers in Veterinary Science	Yes	Yes	https://doi.org/10.3389/fvets.2018.00094
LIVESTOCK	Faville, M.J.; Cao, M.; Gill, G.P.; Fokin, M.; Bryant, C.J.; Huege, J.; Jones, Christopher S.; Fraser, K.	Low pyrrolizidine alkaloid levels in perennial ryegrass is associated with the absence of a homospermidine synthase gene	BMC Plant Biology	Yes	Yes	https://doi.org/10.1186/s12870-018-1269-6
LIVESTOCK	Wieland, Barbara; Aragaw, Kassaye; Sheferaw, Desie; Abebe, Rahmeto; Sibhat, Berhanu; Abera, Mesele; Haile, Aynalem; Asmare, Kassahun	Lungworm infection in small ruminants in Ethiopia: Systematic review and meta-analysis	Veterinary Parasitology: Regional Studies and Reports	Yes	Yes	https://doi.org/10.1016/j.vprsr.2018.08.003
LIVESTOCK	Kibegwa, F.M.; Jung'a, J.O.; Githae, Dedan; Habimana, V.; Amimo, Joshua O.; Bett, R.C.	Metagenomic analysis of enteric bacterial pathogens affecting the performance of dairy cows in smallholder productions systems	African Journal of Microbiology Research	Yes	No	https://doi.org/10.5897/ajmr2018.8849
LIVESTOCK	Dessie, Tadelle; Mutai, C.; Mwacharo, Joram M.; Alemu, A.; Birungi, Josephine; Njuguna, J.; Tutah, J.; Djikeng, Appolinaire; Achieng, G.; Zergaw, N.; Osama, S.; Okeyo Mwai, Ally; Mekuriaw, Getinet; Tesfaye, K.	Mitochondrial DNA variation reveals maternal origins and demographic dynamics of Ethiopian indigenous goats	Ecology and Evolution	Yes	Yes	https://doi.org/10.1002/ece3.3710
LIVESTOCK	Cofie, Olufunke O.; Barron, Jennie; Ayantunde, Augustine A.	Multiple uses of small reservoirs in crop-livestock agro-ecosystems of Volta basin: Implications for livestock management	Agricultural Water Management	No	Yes	https://doi.org/10.1016/j.agwat.2018.04.010
LIVESTOCK	Gatew, H.; Mekuriaw, Getinet	Next-generation sequencing platforms for latest livestock reference genome assemblies	African Journal of Biotechnology	Yes	Yes	https://doi.org/10.5897/ajb2018.16605
LIVESTOCK	Fernández-Rivera, S.; Sangare, M.; Ayantunde, Augustine A.; Hiernaux, Pierre H.Y.	Nutrient Management in Livestock Systems in West Africa Sahel with Emphasis on Feed and Grazing Management	Improving the Profitability, Sustainability and Efficiency of Nutrients Through Site Specific Fertilizer Recommendations in West Africa Agro-Ecosystems	Yes	No	https://doi.org/10.1007/978-3-319-58789-9_2
LIVESTOCK	Dessie, Tadelle; Minuye, N.; Abebe, G.	On-farm description and status of Nuer (Abigar) cattle breed in Gambella Regional State, Ethiopia	International Journal of Biodiversity and Conservation	Yes	No	https://doi.org/10.5897/ijbc2017.1168
LIVESTOCK	Kim, K.-Y.; Shohael, A.M.; Lee, K.-W.; Rahman, M.A.; Lee, S.-H.; Cha, J.-Y.; Choi, G.J.; Cheong, M.S.; Jones, Christopher S.	Overexpression of the alfalfa DnaJ-like protein (MsDJLP) gene enhance tolerance to chilling and heat stresses in transgenic tobacco plants	Turkish Journal of Biology	Yes	Yes	https://doi.org/10.3906/biy-1705-30
LIVESTOCK	Bahbahani, Hussain; Almathen, Faisal; Mwacharo, Joram M.; Elbir, Haitham; Hanotte, Olivier H.	Polymorphisms in MC1R and ASIP Genes are Associated with Coat Color Variation in the Arabian Camel	Journal of Heredity	Yes	Yes	https://doi.org/10.1093/jhered/esy024

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LIVEST OCK	Parkash, O.; Kumar, M.; Yang, N.; Kumar, C.; Dewani, P.; Mwacharo, Joram M.; Ma, Y.; Song, S.; Malhi, K.K.; Jiang, L.; He, X.	Population structure, genetic diversity and selection signatures within seven indigenous Pakistani goat populations	Animal Genetics	No	Yes	https://doi.org/10.1111/age.12722
LIVEST OCK	Odongo, David O.; Magambo, J.; Wasserman, M.; Kern, P.; Mulinge, E.; Bishop, Richard P.; Romig, T.; Mbae, C.K.; Zeyhle, E.; Tiampati, C.M.	Prevalence and genotyping of Echinococcus granulosus in sheep in Narok County, Kenya	Parasitology Research	No	Yes	https://doi.org/10.1007/s00436-018-5889-4
LIVEST OCK	Onzima, R.B.; Arendonk, J.A.M. van; Kanis, E.; Kugonza, D.K.; Gizaw, Solomon	Production system and participatory identification of breeding objective traits for indigenous goat breeds of Uganda	Small Ruminant Research	No	Yes	https://doi.org/10.1016/j.smallrumres.2017.07.007
LIVEST OCK & PIM	Jensen, Nathaniel D.; Amare, M.; Cissé, J.D.; Shiferaw, Bekele	Rainfall shocks and agricultural productivity: Implication for rural household consumption	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2018.07.014
LIVEST OCK	Gielen, B.; Merbold, Lutz; Beeck, M. de	Soil-meteorological measurements at ICOS monitoring stations in terrestrial ecosystems	International Agrophysics	Yes	Yes	https://doi.org/10.1515/intag-2017-0041
LIVEST OCK	Passen, Annemarie van; Wieland, Barbara; Muthavi, Faith; Heitkoenig, Ignas; Aarts, M. Noelle C.	Techne meets Metis: Knowledge and practices for tick control in Laikipia County, Kenya	NJAS - Wageningen Journal of Life Sciences	No	Yes	https://doi.org/10.1016/j.njas.2018.08.001
LIVEST OCK	Rufino, M.C.; Butterbach-Bahl, K.; Onyango, A.A.; Goopy, John P.; Dickhoefer, U.	Temporal and spatial variability in the nutritive value of pasture vegetation and supplement feedstuffs for domestic ruminants in Western Kenyas for domestic ruminants in Western Kenya	Asian-Australasian Journal of Animal Sciences	Yes	Yes	https://doi.org/10.5713/ajas.18.0114
LIVEST OCK	Amia, Winfred; Kungu, J.; Wieland, Barbara; Masembe, C.; Akol, Joyce; Dione, Michel M.; Hu Suk Lee	The importance of on-farm biosecurity: Sero-prevalence and risk factors of bacterial and viral pathogens in smallholder pig systems in Uganda	Acta Tropica	Yes	Yes	https://doi.org/10.1016/j.actatropica.2018.06.025
LIVEST OCK	Christley, R.M.; Dessie, Tadelles; Lozano-Jaramillo, M.; Psifidi, A.; Wigley, P.; Taye, T.; Bettridge, Judy M.; Terfa, Z.G.; Hanotte, Olivier H.; Kaiser, P.	The role of local adaptation in sustainable production of village chickens	Nature Sustainability	No	Yes	https://doi.org/10.1038/s41893-018-0150-9
LIVEST OCK	Teufel, Nils; Galiè, Alessandra; Baltenweck, Isabelle; Domínguez-Salas, Paula; Yount, K.M.; Girard, A.W.; Korir, L.	The Women's Empowerment in Livestock Index	Social Indicators Research	Yes	Yes	https://doi.org/10.1007/s11205-018-1934-z
LIVEST OCK & PIM	Tselaesele, N.M.; Lepetu, J.; Oladele, I.O.; Bagwasi, N.; Bahta, Sirak T.	Training needs assessment for transformation of smallholder livestock farming in Botswana	South African Journal of Agricultural Extension	Yes	Yes	https://doi.org/10.17159/2413-3221/2018/v46n1a450
LIVEST OCK	Park, W.; Jong-Eun Park; Srikanth, K.; Dajeong Lim; Jun-Mo Kim; Kemp, Stephen J.; Pas, M.F.W. te	Transcriptomic profiles of muscle, heart, and spleen in reaction to circadian heat stress in Ethiopian highland and lowland male chicken	Cell Stress and Chaperones	Yes	Yes	https://doi.org/10.1007/s12192-018-0954-6
LIVEST OCK	Omoro, Amos O.; Twine, Edgar E.; Githinji, J.W.K.	Uncertainty in milk production by smallholders in Tanzania and its implications for investment	International Food & Agribusiness Management Review	Yes	Yes	https://doi.org/10.22434/ifamr.2017.0028
LIVEST OCK	Dong-Dong Wu; Han Jianlin; Ya-Ping Zhang; Fernandes, M.; Thakur, M.; Singh, S.K.; Sathyakumar, S.; Vijh, R.K.	Understanding the cryptic introgression and mixed ancestry of Red Junglefowl in India	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0204351
LIVEST OCK	Hammond, James; Frelat, R.; Fraval, Simon; Wijk, Mark T. van	Unequal Access to Land: Consequences for the Food Security of Smallholder Farmers in Sub Saharan Africa	Encyclopedia of Food Security and Sustainability	No	No	https://doi.org/10.1016/b978-0-08-100596-5.22311-1

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LIVESTOCK	Jiangnan Wen; Rong Wang; Donglei Long; Hongxiang Mao; Beauchemin, K.A.; Lukuyu, Ben A.; Zhiliang Tan; Zhiyuan Ma; Min Wang; Xiumin Zhang	Urea plus nitrate pretreatment of rice and wheat straws enhances degradation and reduces methane production in in vitro ruminal culture	Journal of the Science of Food and Agriculture	No	Yes	https://doi.org/10.1002/isfa.9056
LIVESTOCK	Dessie, Tadelles; Lozano-Jaramillo, M.; Komen, H.; Bastiaansen, J.W.M.	Use of geographic information system tools to predict animal breed suitability for different agro-ecological zones	animal	Yes	Yes	https://doi.org/10.1017/s1751731118003002
LIVESTOCK	Mujibi, F.D.N.; Cheruiyot, E.; Dusingizimana, T.; Kamana, O.; Chagunda, M.G.G.; Okeyo Mwai, Ally	Use of High Density Single Nucleotide Polymorphism (SNP) Arrays to Assess Genetic Diversity and Population Structure of Dairy Cattle in Smallholder Dairy Systems: The Case of Girinka Programme in Rwanda	Frontiers in Genetics	Yes	Yes	https://doi.org/10.3389/fgene.2018.00438
LIVESTOCK	Noyes, H.; Sanders, M.; Acosta-Serrano, Á.; Haines, L.R.; Berriman, M.; Silva Pereira, S.; Ogugo, Moses W.; Casas-Sánchez, A.; Kihara, Absolomon; Jackson, A.P.; Kemp, Stephen J.	Variant antigen repertoires in Trypanosoma congolense populations and experimental infections can be profiled from deep sequence data using universal protein motifs	Genome Research	Yes	Yes	https://doi.org/10.1101/gr.234146.118
LIVESTOCK & PIM	Amare, M.; Abay, Kibrom	Night light intensity and women's body weight: Evidence from Nigeria	Economics & Human Biology	No	Yes	https://doi.org/10.1016/j.ehb.2018.09.001
GENEBANKS MAIZE	Contreras-Toledo, A. R., Cortes-Cruz, M. A. , Costich, D. , Costich, D.E. , Rico-Arce, M. de L. , Magos Brehm, J. , Maxted, N.	A crop wild relative inventory for Mexico	Crop Science	No	Yes	https://doi.org/10.2135/cropsci.2017.07.0452
MAIZE	Pavithra, S., Boeber, C. , Showkat Ahmad Shah , Subash, S.P. , BIRTHAL, P.S. , Mittal, S.	Adoption of modern maize varieties in india : insights based on expert elicitation methodology	Agricultural Research	No	No	https://doi.org/10.1007/s40003-018-0330-x
MAIZE	Ditzler, L., Klerkx, L. , Chan-Dentoni, J. , Posthumus, H. , Krupnik, T.J. , Lopez-Ridaura, S. , Andersson, J.A. , Baudron, F. , Groot, J. C. J.	Affordances of agricultural systems analysis tools : a review and framework to enhance tool design and implementation	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2018.03.006
MAIZE & PIM	Devaux, A., Torero, M. , Donovan, J. A. , Horton, D.	Agricultural innovation and inclusive value-chain development : a review	Journal of Agribusiness in Developing and Emerging Economies	Yes	No	https://doi.org/10.1108/JADEE-06-2017-0065
MAIZE	Seyoum, S., Rachaputi, R. , Chauhan, Y. , Prasanna, B.M. , Fekybelu, S.	Application of the APSIM model to exploit G × E × M interactions for maize improvement in Ethiopia	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.12.012
MAIZE	Eichler Inwood, Sarah E., Lopez-Ridaura, S. , Kline, K.L. , Gerard, B. , Gardeazabal Monsalve, A. , Govaerts, B. , Dale, V.H.	Assessing sustainability in agricultural landscapes : a review of approaches	Environmental Reviews	No	Yes	https://doi.org/10.1139/er-2017-0058
MAIZE	Fisher, M., Holden, S.T. , Thierfelder, C. , Katengeza, S.P.	Awareness and adoption of conservation agriculture in Malawi : what difference can farmer-to-farmer extension make?	International Journal of Agricultural Sustainability	No	Yes	https://doi.org/10.1080/14735903.2018.1472411
MAIZE	Arista-Cortes, J., Quevedo-Nolasco, A. , Zamora-Morales, B.P. , Bauer Mengelberg, J.R. , Sonder, K. , Lugo-Espinosa, O.	Base temperatures and degrees days development of 10 Mexican corn accessions	Revista Mexicana de Ciencias Agrícolas	Yes	No	https://doi.org/10.29312/remexca.v9i5.1507
MAIZE & WHEAT	Montesinos-López, A., Montesinos-Lopez, O.A. , De los Campos, G. , Crossa, J. , Burgueño, J. , Luna-Vazquez, F.J.	Bayesian functional regression as an alternative statistical analysis of high-throughput phenotyping data of modern agriculture	Plant Methods	Yes	Yes	https://doi.org/10.1186/s13007-018-0314-7
MAIZE	Granato, I., Cuevas, J. , Luna-Vazquez, F.J. , Crossa, J. , Montesinos-Lopez, O.A. , Burgueño, J. , Fritsche-Neto, R	BGGE : a new package for genomic-enabled prediction incorporating genotype × environment interaction models	G3: Genes, Genomes, Genetic	Yes	Yes	https://doi.org/10.1534/g3.118.200435

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MAIZE	Alamu, E. O., Maziya-Dixon, B., Menkir, A. & Olaofe, O.	Bioactive compounds of freshly harvested open pollinated varieties (OPV) of orange maize (zea mays): varietal, maturity, and boiling methods effects	Cogent Chemistry	Yes	No	https://doi.org/10.1080/23312009.2018.1507489
MAIZE	Trucillo Silva, I., Hari Kishan R. Abbaraju , Fallis, L.P , Hongjun Liu , Lee, M. , Dhugga, K.	Biochemical and genetic analyses of N metabolism in maize testcross seedlings : 2. Roots	Theoretical and Applied Genetics	Yes	Yes	https://doi.org/10.1007/s00122-018-3071-0
MAIZE	Maqbool, M. A., Aslam, M. , Issa, A.B. , Khan, M. S.	Breeding for provitamin A biofortification of maize (Zea mays L.)	Plant Breeding	No	Yes	https://doi.org/10.1111/pbr.12618
MAIZE	Hellin, J. J., Fisher, E.	Building pathways out of poverty through climate smart agriculture and effective targeting	Development in Practice	No	No	https://doi.org/10.1080/09614524.2018.1492516
MAIZE	Holden, S.T., Fisher, M. , Katengeza, S.P. , Thierfelder, C.	Can lead farmers reveal the adoption potential of conservation agriculture? : The case of Malawi	Land Use Policy	No	Yes	https://doi.org/10.1016/j.landusepol.2018.04.048
MAIZE	Alvarez, S., Timler, C.J. , Michalscheck, M. , Paas, W. , Descheemaeker, K. , Tittonell, P. , Andersson, J.A. , Groot, J.C. J.	Capturing farm diversity with hypothesis-based typologies : an innovative methodological framework for farming system typology development	PLoS One	Yes	Yes	https://doi.org/10.1371/journal.pone.0194757
MAIZE	Cabrera-Soto, L., Pixley, K.V. , Rosales-Nolasco, A. , Galicia-Flores, L.A. , Palacios-Rojas, N.	Carotenoid and tocochromanol profiles during kernel development make consumption of biofortified "fresh" maize an option to improve micronutrient nutrition	Journal of Agricultural and Food Chemistry	No	Yes	https://doi.org/10.1021/acs.jafc.8b01886
MAIZE & WHEAT	Mottaleb, K.A., Rahut, D.B.	Cereal consumption and marketing responses by rural smallholders under rising cereal prices	Journal of Agribusiness in Developing and Emerging Economies	No	No	https://doi.org/10.1108/JADEE-09-2017-0088
MAIZE	Hongjian Zheng, Jiafa Chen , Chunhua Mu , Makumbi, D. , Yunbi Xu , Mahuku, G.	Combined linkage and association mapping reveal QTL for host plant resistance to common rust (Puccinia sorghi) in tropical maize	BMC Plant Biology	Yes	Yes	https://doi.org/10.1186/s12870-018-1520-1
MAIZE	Li, Z.W., Liu, L. , Zhang, Y.D. , Jeffers, D.P. , Kang, M.S. , Fan, X.M.	Combining ability analysis of RILs developed from a YML32 × Q11 cross for grain yield and resistance to gray leaf spot	Crop Science	Yes	Yes	https://doi.org/10.2135/cropsci2017.04.0228
MAIZE	Archana, K.A., Kuchanur, P.H. , Zaidi, P.H. , Mandal, S.S. , Arunkumar, B. , Patil, A. , Vinayan, M.T.,Seetharam, K.	Combining ability and heterosis in tropical maize (Zea mays L.) under heat stress	Journal of Pharmacognosy and Phytochemistry	Yes	No	http://www.phytojournal.com/archives/?year=2018&vol=7&issue=6&ArticleId=6331&si=false
MAIZE	Zelalem Bekeko, Fininsa, C. , Dagne Wegary Gissa , Temam Hussien , Shimelis Hussien , Belachew Asalfd	Combining ability and nature of gene action in maize (Zea mays L) inbred lines for resistance to gray leaf spot disease (Cercospora zeae maydis) in Ethiopia	Crop Protection	No	Yes	https://doi.org/10.1016/j.cropro.2018.05.010
MAIZE	Xing-Ming Fan, Yu-Dong Zhang , Jeffers, D.P. , Ya-Qi Bi , Kang, M.S. , Xing-Fu Yin	Combining ability of yellow lines derived from CIMMYT populations for use in subtropical and tropical midaltitude maize production environments	Crop Science	Yes	Yes	https://doi.org/10.2135/cropsci2017.05.0291
MAIZE	Liben, F.M.,Tadesse, B.,Tola, Y.T.,Wortmann, C.S.,Kim, H.K.,Mupangwa, W.	Conservation agriculture effects on crop productivity and soil properties in Ethiopia	Agronomy Journal	No	Yes	https://doi.org/10.2134/agronj2017.07.0384
MAIZE	Ndoli, A., Baudron, F. , Sida T.S. , Schut, A. G. T. , Heerwaarden, J. , Giller, K.E.	Conservation agriculture with trees amplifies negative effects of reduced tillage on maize performance in East Africa	Field Crops Research	Yes	Yes	https://doi.org/10.1016/j.fcr.2018.03.003
MAIZE	Bukowski, R., Xiaosen Guo , Yanli Lu , Cheng Zou , Bing He , Zhengqin Rong , Bo Wang , Dawen Xu , Bicheng Yang ,Chuanxiao Xie ,et al.	Construction of the third-generation Zea mays haplotype map	GigaScience	Yes	Yes	https://doi.org/10.1093/gigascience/gix134

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MAIZE	Musvosvi, C., Setimela, P.S. , Wali, M. C. , Gasura, E. , Channappagoudar, B. B. , Patil, S. S.	Contribution of secondary traits for high grain yield and stability of tropical maize germplasm across drought stress and non-stress conditions	Agronomy Journal	No	Yes	https://doi.org/10.2134/agronj.2017.04.0199
MAIZE	Rahman, N. A., Larbi, A., Opoku, A., Tetteh, F. M. & Hoeschle-Zeledon, I.	Corralling, planting density, and N fertilizer rate effect on soil properties, weed diversity, and maize yield	Agroecology and Sustainable Food Systems	Yes	Yes	https://doi.org/10.1080/21683565.2018.1516264
MAIZE	Julius Pyton Sserumaga, Oikeh, S.O. , Mugo, S.N. , Asea, G. , Otim, M. , Beyene, Y. , Abalo, G. , Kikafunda, J.	Correction to : genotype by environment interactions and agronomic performance of doubled haploids testcross maize (Zea mays L.) hybrids	Euphytica	Yes	Yes	https://doi.org/10.1007/s10681-015-1549-2
MAIZE	Liben, F.M., Wortmann, C.S. , Haishun Yang , Lindquist, J.L. , Tsegaye Tadesse , Dagne Wegary Gissa	Crop model and weather data generation evaluation for conservation agriculture in Ethiopia	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.09.001
MAIZE	Sida T.S. , Baudron, F. , Hadgudu, K. , Derero, A. , Giller, K.E.	Crop vs. tree : Can agronomic management reduce trade-offs in tree-crop interactions?	Agriculture, Ecosystems and Environment	No	Yes	https://doi.org/10.1016/j.agee.2018.03.011
MAIZE	Masayo Kushiuro, Hidemi Hatabayashi , Kimiko Yabe , Loladze, A.	Detection of Aflatoxigenic and Atoxigenic Mexican Aspergillus Strains by the Dichlorvos–Ammonia (DV–AM) Method	Toxins	Yes	Yes	https://doi.org/10.3390/toxins10070263
MAIZE	Mottaleb, K.A., Kruseman, G. , Erenstein, O.	Determinants of maize cultivation in a land-scarce rice-based economy : the case of Bangladesh	Journal of Crop Improvement	No	No	https://doi.org/10.1080/15427528.2018.1446375
MAIZE	Cairns, J.E., Prasanna, B.M.	Developing and deploying climate-resilient maize varieties in the developing world	Current Opinion in Plant Biology	Yes	Yes	https://doi.org/10.1016/j.pbi.2018.05.004
MAIZE	Gowda, M.,Beyene, Y. , Makumbi, D. , Fentaye Kassa Semagn , Olsen, M. , Jumbo, M.B. , Das, B. , Mugo, S.N. ,Mahabaleswara, S. , Prasanna, B.M.	Discovery and validation of genomic regions associated with resistance to maize lethal necrosis in four biparental populations	Molecular Breeding	Yes	Yes	https://doi.org/10.1007/s11032-018-0829-7
MAIZE	Garrido-Vazan, V., Mahuku, G. , Bibbins-Martinez, M. , Arroyo-Bacerra, A. , Villalobos-López, M.A.	Dissection of mechanisms of resistance to Aspergillus flavus and aflatoxin using tropical maize germplasm	World Mycotoxin Journal	No	Yes	https://doi.org/10.3920/WMJ2017.2219
MAIZE	Schut, M.,Cadilhon, J. J.,Misiko, M.,Dror, I.	Do mature innovation platforms make a difference in agricultural research for development? a meta-analysis of case studies	Experimental Agriculture	Yes	Yes	https://doi.org/10.1017/S0014479716000752
MAIZE	Singh, V.K., Dwivedi, B.S. , Singh, Y. , Singh, S.K. , Mishra, R. P. , Shukla, A. K. , Rathore, S. S. , Shekhawat, K. ,Majumdar, K. , Jat, M.L.	Effect of tillage and crop establishment, residue management and K fertilization on yield, K use efficiency and apparent K balance under rice-maize system in north-western India	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.04.012
MAIZE	Gebremeskel, S., Garcia-Oliveira, A. L., Menkir, A., Adetimirin, V. & Gedil, M.	Effectiveness of predictive markers for marker assisted selection of pro-vitamin A carotenoids in medium-late maturing maize (Zea mays L.) inbred lines	Journal of Cereal Science	No	Yes	https://doi.org/10.1016/j.jcs.2017.09.001
MAIZE	Berazneva, J., McBride, L. , Sheahan, M. , Güereña, D. T.	Empirical assessment of subjective and objective soil fertility metrics in east Africa : implications for researchers and policy makers	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2017.12.009
MAIZE	Parihar, C.M., Jat, S.L. , Singh, A.K. , Kumar, B. , Rathore, N.S. , Jat, M.L. , Saharawat, Y.S. , Kuri, B.R.	Energy auditing of long-term conservation agriculture based irrigated intensive maize systems in semi-arid tropics of India	Energy	No	Yes	https://doi.org/10.1016/j.energ.2017.10.015
MAIZE	Lopez Gomez, J.A., Van Loon, J.	Evaluación agrotécnica de implementos manuales para la siembra de maíz	Revista Mexicana de Ciencias Agrícolas	Yes	No	https://doi.org/10.29312/remexca.v0i21.1524

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MAIZE	Buchailiot, M.L., Gracia-Romero, A., Zaman-Allah, M., Amsal Tesfaye Tarekegne, Prasanna, B.M., Cairns, J.E., Araus, J.L., Kefauver, S.C.	Evaluating the performance of different commercial and pre-commercial maize varieties under low nitrogen conditions using affordable phenotyping tools	Proceedings	Yes	No	https://doi.org/10.3390/ecrs-2-05180
MAIZE	Yanling Sun, Chunhua Mu , Hongxia Zheng , Shouping Lu , Hua Zhang , Zhang, X , Xia Liu	Exogenous Pi supplementation improved the salt tolerance of maize (Zea mays L.) by promoting Na ⁺ exclusion	Nature Scientific reports	Yes	Yes	https://doi.org/10.1038/s41598-018-34320-y
MAIZE	Alomia-Hinojosa, V., Speelman, E. N. , Thapa, A. , Hisiang-En Wei , McDonald, A. , Titttonell, P. , Groot, J. C. J.	Exploring farmer perceptions of agricultural innovations for maize-legume intensification in the mid-hills region of Nepal	International Journal of Agricultural Sustainability	Yes	Yes	https://doi.org/10.1080/14735903.2018.1423723
MAIZE	Farnworth, C.R., Stirling, C. , Chinyophiro, A. , Namakhoma, A. , Morahan, R.	Exploring the potential of household methodologies to strengthen gender equality and improve smallholder livelihoods : research in Malawi in maize-based systems	Journal of Arid Environments	Yes	Yes	https://doi.org/10.1016/j.jaride.2017.10.009
MAIZE	Xiaogang Liu, Hongwu Wang , Hui Wang , Zifeng Guo , Xiaojie Xu , Jiacheng Liu , Shanhong Wang , Wen-Xue Li , Cheng Zou, Prasanna, B.M. , Olsen, M. , Changling Huang , Yunbi Xu	Factors affecting genomic selection revealed by empirical evidence in maize	The Crop Journal	Yes	Yes	https://doi.org/10.1016/j.cj.2018.03.005
MAIZE	Ortega-Beltran, A. & Cotty, P.	Frequent shifts in aspergillus flavus populations associated with maize production in Sonora, Mexico	Phytopathology	No	Yes	https://doi.org/10.1094/PHYTO-08-17-0281-R
MAIZE	Badu-Apraku, B., Talabi, A. O., Ifie, B. E., Chabi, Y., Obeng-Antwi, K., Haruna, A. & Asiedu, R.	Gains in grain yield of extra-early maize during three breeding periods under drought and rain-fed conditions	Crop Science	Yes	Yes	https://doi.org/10.2135/cropsci.2018.03.0168
MAIZE	Adam, R.I., Misiko, M.T. , Dusengemungu, L. , Rushemuka, P.N. , Mukakalisa, Z.	Gender and equitable benefit-sharing mechanisms through agricultural innovation platforms in Rwanda	Community Development	No	No	https://doi.org/10.1080/15575330.2018.1496465
MAIZE	Kolawole, A. O., Menkir, A., Blay, E., Ofori, K. & Kling, J.	Genetic advance in grain yield and other traits in two tropical maize composites developed via reciprocal recurrent selection	Crop Science	No	Yes	https://doi.org/10.2135/cropsci.2018.02.0099
MAIZE	Adewale, S. A., Akinwale, R. O., Fakorede, M. & Badu-Apraku, B.	Genetic analysis of drought-adaptive traits at seedling stage in early-maturing maize inbred lines and field performance under stress conditions	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2218-z
MAIZE	Krishnaji Jodage, Kuchanur, P.H. , Zaidi, P.H. , Patil, A. , Seetharam, K. , Vinayan, M.T. , Arunkumar, B.	Genetic analysis of heat adaptive traits in tropical maize (Zea mays L.)	International Journal of Current Microbiology and Applied Sciences	Yes	No	https://doi.org/10.20546/ijcmas.2018.701.387
MAIZE	Mir, Z.R., Singh, P.K., Zaidi, P.H., Vinayan, M.T., Sharma, S.S., Krishna, M.K., Vemula, A.K., Rathore, R.S., Nair, S.K.	Genetic analysis of resistance to post flowering stalk rot in tropical germplasm of maize (Zea mays L.)	Crop Protection	No	Yes	https://doi.org/10.1016/j.cropro.2017.12.004
MAIZE	Dinesh, A., Patil, A. , Zaidi, P.H. , Kuchanur, P.H. , Vinayan, M.T. , Seetharam, K. , Amare Gouda	Genetic analysis of tropical maize (Zea mays L.) inbred lines under heat stress	An International Journal Quarterly Journal of Life Science	Yes	No	http://thebioscan.com/journals/153486988016_5546_AKULA%20DINESH-PB.pdf
MAIZE	Makumbi, D., Assanga, S. , Diallo, A. , Magorokosho, C. , Asea, G. , Regasa, M.W. ,Banziger, M.	Genetic analysis of tropical midaltitude-adapted maize populations under stress and nonstress conditions	Crop Science	Yes	Yes	https://doi.org/10.2135/cropsci.2017.09.0531
MAIZE	Dagne Wegary Gissa, Vivek, B. , Labuschagne, M.	Genetic relationships and heterotic structure of quality protein maize	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2255-7

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		(Zea mays L.) inbred lines adapted to eastern and southern Africa				
MAIZE	Badu-Apraku, B., Ifie, B. E., Talabi, A. O., Obeng-Bio, E. & Asiedu, R.	Genetic variances and heritabilities of early yellow maize population following cycles of improvement for Striga resistance and drought tolerance	Crop Science	Yes	Yes	https://doi.org/10.2135/cropsci.2017.10.0628
MAIZE	Juarez-Colunga, S., Lopez-Gonzalez, C., Morales-Elias, N.C., Massange-Sanchez, J.A., Trachsel, S., Tiessen, A.	Genome-wide analysis of the invertase gene family from maize	Plant Molecular Biology	No	Yes	https://doi.org/10.1007/s11103-018-0746-5
MAIZE	Cheng Xu, Hongwei Zhang, Jianhao Sun, Zifeng Guo, Cheng Zou, Wen Xue Li, Chuanxiao Xie, Changling Huang, Ruineng Xu, Hong Liao, Jinxiang Wang, Xiaojie Xu, Shanhong Wang, Yunbi Xu	Genome-wide association study dissects yield components associated with low-phosphorus stress tolerance in maize	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-018-3108-4
MAIZE	Rashid, Z., Kumar Singh, P., Hindu, V., Zaidi, P.H., Prasanna, B.M., Nair, S.K.	Genome-wide association study in Asia-adapted tropical maize reveals novel and explored genomic regions for sorghum downy mildew resistance	Nature Scientific reports	Yes	Yes	https://doi.org/10.1038/s41598-017-18690-3
MAIZE	Vélez-Torres, M.,García-Zavala, J.J.,Hernández-Rodríguez, M.,Lobato-Ortiz, R.,López-Reynoso, J.J., Benítez-Riquelme, I.,Mejía-Contreras, J.A.,Esquivel-Esquivel, G.,Molina-Galán, J.D.,Pérez-Rodríguez, P.,Zhang, X	Genomic prediction of the general combining ability of maize lines (Zea mays L.) and the performance of their single crosses	Plant Breeding	No	Yes	https://doi.org/10.1111/pbr.12597
MAIZE	Cerrudo, D., Shiliang Cao, Yibing Yuan, Martinez, C., Suarez, E.A., Babu, R., Zhang, X, Trachsel, S.	Genomic selection outperforms marker assisted selection for grain yield and physiological traits in a maize doubled haploid population across water treatments	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00366
MAIZE	Cuevas, J., Granato, I., Fritsche-Neto, R., Montesinos-Lopez, O.A., Burgueño, J., Bandeira e Sousa, M., Crossa, J.	Genomic-enabled prediction Kernel models with random intercepts for multi-environment trials	G3: Genes, Genomes, Genetic	Yes	Yes	https://doi.org/10.1534/g3.117.300454
MAIZE	Julius Pyton Sserumaga, Beyene, Y., Pillay, K., Alois Kullaya, Oikeh, S.O., Mugo, S.N., Machida, L., Ismail Ngolinda, Asea, G., Justin Ringo, Otim, M., Abalo, G., Barnabas Kiula	Grain-yield stability among tropical maize hybrids derived from doubled-haploid inbred lines under random drought stress and optimum moisture conditions	Crop and Pasture Science	Yes	Yes	https://doi.org/10.1071/CP17348
MAIZE	Mitra, B., Bhattacharya, P.M., Ghosh, A.K., Patra, A.K., Chowdhury, A.K., Gathala, M.K.	Herbicide options for effective weed management in zero-till maize	Indian Journal of Weed Science	No	No	https://doi.org/10.5958/0974-8164.2018.00034.5
MAIZE	Makanza, R., Zaman-Allah, M., Cairns, J.E., Eyre, J., Burgueño, J., Pacheco Gil, R. A., Diepenbrock, C., Magorokosho, C., Amsal Tesfaye Tarekegne, Olsen, M., Prasanna, B.M.	High-throughput method for ear phenotyping and kernel weight estimation in maize using ear digital imaging	Plant Methods	Yes	Yes	https://doi.org/10.1186/s13007-018-0317-4
MAIZE	Makanza, R., Zaman-Allah, M., Cairns, J.E., Magorokosho, C., Amsal Tesfaye Tarekegne, Olsen, M., Prasanna, B.M.	High-throughput phenotyping of canopy cover and senescence in maize field trials using aerial digital canopy imaging	Remote Sensing	Yes	Yes	https://doi.org/10.3390/rs10020330
MAIZE	Ramirez-Jaspeado, R., Palacios-Rojas, N., Salomon, P., Donnet, M.L.	Identificación de áreas potenciales en México para la intervención con maíz biofortificado con zinc = Identification of potential areas in Mexico for intervention with biofortified high-zinc maize	Revista Fitotecnia Mexicana	Yes	Yes	https://www.revistafitotecniamexicana.org/documentos/41-3/13r.pdf

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MAIZE	Ribeiro, P. F., Badu-Apraku, B., Gracen, V., Danquah, E., Garcia-Oliveira, A. L., Asante, M. D., Afriyeh-Debrah, C. & Gedil, M.	Identification of QTLs for grain yield and other traits in tropical maize under high and low soil-nitrogen environments	Crop Science	Yes	Yes	https://doi.org/10.2135/cropsci.2017.02.0117
MAIZE	Jaleta Debello Moti, Kassie, M., Marennya, P., Yirga, C., Erenstein, O.	Impact of improved maize adoption on household food security of maize producing smallholder farmers in Ethiopia	Food Security	No	Yes	https://doi.org/10.1007/s12571-017-0759-y
MAIZE	Awoyale, W., Alamu, E. O., Irondi, E. A., Maziya-Dixon, B. & Menkir, A.	Impact of packaging material and storage condition on retention of provitamin A carotenoids and xanthophylls in yellow-seeded maize flour	Functional Foods in Health and Disease	Yes	No	https://doi.org/10.31989/ffhd.v8i10.535
MAIZE	Abdoulaye, T., Assfaw Wossen, T. & Awotide, B.	Impacts of improved maize varieties in Nigeria: ex-post assessment of productivity and welfare outcomes	Food Security	No	Yes	https://doi.org/10.1007/s12571-018-0772-9
MAIZE	Kebede, Y., Bianchi, F., Baudron, F., Abraham, K., Valença, A. de., Tittone, P.	Implications of changes in land cover and landscape structure for the biocontrol potential of stemborers in Ethiopia	Biological Control	Yes	Yes	https://doi.org/10.1016/j.bioco.2018.03.012
MAIZE	Muhammad Arshadul Hoque, Gathala, M.K.	Improvement of power tiller operated seeder for maize planting	Fundamental and Applied Agriculture	Yes	No	https://doi.org/10.5455/faa.293468
MAIZE	Orr, A., Donovan, J.A.	Introduction to special issue : smallholder value chains as complex adaptive systems	Journal of Agribusiness in Developing and Emerging Economies	No	No	https://doi.org/10.1108/JADEE-11-2017-0123
MAIZE	Julia Bello-Bravo, J., Huesing, J., Prasanna, B.M., Goergen, G., Eddy, R., Tamò, M., Pittendrigh, B.R.	IPM-Based animation for fall armyworm: a multiinstitutional and virtual international collaboration using the scientific animations without borders (SAWBO) platform	Outlooks on Pest Management	No	No	https://doi.org/10.1564/v29_oct_11
MAIZE	Mutinda, S. M., Masanga, J. O., Mutuku, J. M., Runo, S. & Alakonya, A. E.	KSTP 94, an open-pollinated maize variety has postattachment resistance to purple witchweed (Striga hermonthica)	Weed Science	Yes	Yes	https://doi.org/10.1017/wsc.2018.24
MAIZE	Zeng, D., Alwang, J.R., Norton, G.W., Jaleta Debello Moti, Shiferaw, B., Yirga, C.	Land ownership and technology adoption revisited : improved maize varieties in Ethiopia	Land Use Policy	Yes	Yes	https://doi.org/10.1016/j.landusepol.2017.12.047
MAIZE	Boue, C., Lopez-Ridaura, S., Rodriguez Sanchez, L.M., Hellin, J. J., Fuentes Ponce, M.	Local dynamics of native maize value chains in a peri-urban zone in Mexico : the case of San Juan Atzacualoya in the state of Mexico	Journal of Rural Studies	No	Yes	https://doi.org/10.1016/j.jrurstud.2018.09.014
MAIZE	Badji, A., Otim, M., Machida, L., Odong, T., Kwemai, D.B., Okii, D., Agbahoungba, S., Mwila, N., Kumi, F., Ibanda, A., Mugo, S.N., Kyamanywa, S., Rubaihayo, P.	Maize combined insect resistance genomic regions and their co-localization with cell wall constituents revealed by tissue-specific QTL meta-analyses	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00895
MAIZE	Likhayo, P., Bruce, A.Y., Tadele Tefera, Mueke, J.	Maize grain stored in hermetic bags : effect of moisture and pest infestation on grain quality	Journal of Food Quality	Yes	Yes	https://doi.org/10.1155/2018/2515698
MAIZE	Marennya, P., Erenstein, O., Prasanna, B.M., Makumbi, D., Jumbo, M.B., Beyene, Y.	Maize lethal necrosis disease : evaluating agronomic and genetic control strategies for Ethiopia and Kenya	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2018.01.016
MAIZE	Mupangwa, W., Nyagumbo, I., Mutsamba, E.F., Mhlanga, B., Mataruse, J.	Maize responses to reduced tillage, different plant residue mulch and nitrogen fertiliser on granitic sandy soils of Zimbabwe	South African Journal of Plant and Soil	No	No	https://doi.org/10.1080/02571862.2018.1438673
MAIZE	Hoogendoorn, C., Audet-Bélanger, G., Boeber, C., Donnet, M.L., Lweya, K.B., Malik, R., Gildemacher, P.	Maize seed systems in different agro-ecosystems; what works and what does not work for smallholder farmers	Food Security	No	Yes	https://doi.org/10.1007/s12571-018-0825-0

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MAIZE	Snapp, S., Grabowski, P., Chikowo, R., Smith, A., Anders, E., Sirrine, D., Chimonyo, V. & Bekunda, M.	Maize yield and profitability tradeoffs with social, human and environmental performance: Is sustainable intensification feasible?	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2018.01.012
MAIZE	Wortmann, C., Senkoro, C. J., Cyamweshi, R., Kibunja, C., Nkonde, D., Munthali, M., Nalivata, P., Nabahungu, N. L. & Kaizzi, K.	Maize-nutrient response functions for eastern and southern Africa	Agronomy Journal	No	Yes	https://doi.org/10.2134/agronj.2018.04.0268
MAIZE	Keno, T., Azmach, G., Dagne Wegary Gissa, Regasa, M.W., Tadesse, B., Wolde, L., Deressa, T., Abebe, B., Chibsa, T., Mahabaleswara, S.	Major biotic maize production stresses in Ethiopia and their management through host resistance	African Journal of Agricultural Research	Yes	Yes	https://doi.org/10.5897/AJAR2018.13163
MAIZE	Ladejobi, F., Salaudeen, M. T., Kumar, P. L., Menkir, A., Adesoye, A. I., Atiri, G. & Gedil, M.	Mapping of QTLs associated with recovery resistance to streak virus disease in maize	Annals of Agricultural Sciences	Yes	No	https://doi.org/10.1016/j.aosas.2018.05.006
MAIZE	Chaikam, V., Nair, S.K., Martinez, L., Utz, H.F., Melchinger, A.E., Prasanna, B.M.	Marker-assisted breeding of improved maternal haploid inducers in maize for the tropical/subtropical regions	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01527
MAIZE	Hossain, F., Muthusamy, V., Pandey, N., Vishwakarma, A.K., Baveja, A., Zunjare, R.U., Thirunavukkarasu, N., Saha, S., Manjaiah K.M., Prasanna, B.M., Gupta, H.S.	Marker-assisted introgression of opaque2 allele for rapid conversion of elite hybrids into quality protein maize	Journal of Genetics	No	Yes	https://doi.org/10.1007/s12041-018-0914-z
MAIZE	Togola, A., Meseka, S. K., Menkir, A., Badu-Apraku, B., Boukar, O., Tamo, M. & Djouaka, R. F.	Measurement of pesticide residues from chemical control of the invasive Spodoptera frugiperda (Lepidoptera: Noctuidae) in a maize experimental field in Mokwa, Nigeria	International Journal of Environmental Research and Public Health	Yes	Yes	https://doi.org/10.3390/ijerph15050849
MAIZE	Kassie, M., Marennya, P., Tessema, Y., Jaleta Debello Moti, Zeng, D., Erenstein, O., Rahut, D. B.	Measuring farm and market level economic impacts of improved maize production technologies in Ethiopia: evidence from Panel Data	Journal of Agricultural Economics	No	Yes	https://doi.org/10.1111/1477-9552.12221
MAIZE	Wolde, L., Keno, T., Tadesse, B., Bogale, G., Adefris Teklewold, Abebe, B.	Mega-environment targeting of maize varieties using Ammi and GGE bi-plot analysis in Ethiopia	Ethiopian Journal of Agricultural Sciences	Yes	No	https://www.ajol.info/index.php/ejas/article/view/176748/166129
MAIZE	Falade, T. D. O., Chrysanthopoulos, P. K., Hodson, M. P., Sultanbawa, Y., Fletcher, M. T., Darnell, R., Korie, S. & Fox, G.	Metabolites identified during varied doses of Aspergillus species in Zea mays grains, and their correlation with aflatoxin levels	Toxins	Yes	Yes	https://doi.org/10.3390/toxins15050187
MAIZE	Tonnang, H., Makumbi, D., Craufurd, P.	Methodological approach for predicting and mapping the phenological adaptation of tropical maize (Zea mays L.) using multi-environment trials	Plant Methods	Yes	Yes	https://doi.org/10.1186/s13007-018-0375-7
MAIZE	Madamombe, S.M., Nyagumbo, I., Mvumi, B.M., Nyamugafata, P., Wuta, M., Chinheya, C.C.	Nematode management in rain-fed smallholder maize production systems under Conservation Agriculture in Zimbabwe	Experimental Agriculture	No	Yes	https://doi.org/10.1017/S0014479717000163
MAIZE	Abass, A., Fischler, M., Schneider, K., Daudi, S., Gaspar, A., Rust, J., Kabula, E., Ndunguru, G., Madulu, D. & Msola, D.	On-farm comparison of different postharvest storage technologies in a maize farming system of Tanzania Central Corridor	Journal of Stored Products Research	Yes	Yes	https://doi.org/10.1016/j.ispr.2018.03.002
MAIZE	Arafayne, G., Menkir, A., Adetimirin, V. & Gedil, M.	Optimizing sample size for molecular characterization of open-pollinated maize (Zea mays L.) varieties using simple sequence repeat markers. a mays L	Cereal Research Communications	No	Yes	https://doi.org/10.1556/0806.46.2018.038
MAIZE	Renyu Zhang, Gen Xu, Li, J., Huihui Li, Jianbing Yan, Yang, X.	Patterns of genomic variation in Chinese maize inbred lines and implications for genetic improvement	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-018-3072-z

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MAIZE	Gracia-Romero, A., Vergara, O. , Thierfelder, C. , Cairns, J.E. , Kefauver, S.C. , Araus, J.L.	Phenotyping conservation agriculture management effects on ground and aerial remote sensing assessments of maize hybrids performance in Zimbabwe	Remote Sensing	Yes	Yes	https://doi.org/10.3390/rs10020349
MAIZE	Saiful Islam, Timsina, J. , Muhammad Salim , Majumdar, K. , Gathala, M.K.	Potassium supplying capacity of diverse soils and K-use efficiency of maize in South Asia	Agronomy	Yes	Yes	https://doi.org/10.3390/agronomy8070121
MAIZE	Fantaye, K. T., Kruseman, G., Cairns, J.E., Zaman-Allah, M., Dagne Wegary Gissa, Zaidi, P.H., Boote, K., Rahut, D. B., Erenstein, O.	Potential benefits of drought and heat tolerance for adapting maize to climate change in tropical environments	Climate Risk Management	Yes	No	https://doi.org/10.1016/j.crm.2017.10.001
MAIZE	Van Loon, J., Speratti, A.B. , Govaerts, B.	Precision for smallholder farmers : a small-scale-tailored variable rate fertilizer application kit	Agriculture	Yes	No	https://doi.org/10.3390/agriculture8040048
MAIZE	Agbetiameh, D., Ortega-Beltran, A., Awuah, R. T., Atehnkeng, J., Cotty, P. & Bandyopadhyay, R.	Prevalence of aflatoxin contamination in maize and groundnut in Ghana: population structure, distribution, and toxigenicity of the causal agents	Plant Disease	Yes	Yes	https://doi.org/10.1094/PDIS-05-17-0749-RE
MAIZE	Cadena Iñiguez, P., Rendon-Medel, R. , Rodriguez-Vazquez, H. , Camacho Villa, T.C. , Santellano-Estrada, E. , Guevara-Hernández, F. , Govaerts, B.	Propuesta metodologica-interinstitucional para un nuevo extensionismo en México	Revista Mexicana de Ciencias Agrícolas	Yes	No	https://doi.org/10.29312/remexca.v9i8.826
MAIZE	Belayneh, D., Yetneberk, S. , Adefris Teklewold , De Groote, H. A. J.	Quality protein maize (QPM) for school feeding in Ethiopia: stakeholders consultation, sensory evaluation and potential impact	Journal of Nutritional Health and Food Engineering	Yes	No	https://doi.org/10.15406/jnhfe.2018.08.00299
MAIZE	Shehu, B. M., Merckx, R., Jibrin, J. M., Kamara, A. & Rurinda, J.	Quantifying variability in maize yield response to nutrient applications in the northern Nigeria Savanna	Agronomy	Yes	Yes	https://doi.org/10.3390/agronomy8020018
MAIZE	Nyakurwa, C. S., Gasura, E. , Setimela, P.S. , Mabasa, S. , Rugare, J. T. , Mutsvanga, S.	Reaction of new quality protein maize genotypes to Striga asiatica	Crop Science	No	Yes	https://doi.org/10.2135/cropsci2017.10.0639
MAIZE	Dechorgnat, J., Francis, K. , Dhugga, K. , Rafalski, A. , Tyerman, S.D. , Kaiser, B.N.	Root ideotype influences nitrogen transport and assimilation in maize	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00531
MAIZE	Makumbi, D., Alvarado Beltrán, G. , Crossa, J. , Burgueño, J.	Sashaydiall : A SAS program for hayman's diallel analysis	Crop Science	Yes	Yes	https://doi.org/10.2135/cropsci2018.01.0047
MAIZE	Erenstein, O., Kassie, G.T.	Seeding eastern Africa's maize revolution in the post-structural adjustment era : a review and comparative analysis of the formal maize seed sector	International Food and Agribusiness Management Review	Yes	Yes	https://doi.org/10.22434/IFAMR2016.0086
MAIZE	Mashavakure, N., Mashingaidze, A.B. , Musundire, R. , Gandiwa, E. , Muposhi, V.K. , Thierfelder, C. , Nhamo, N. , Bere, T. , Akhtar, S.S.	Short-term impacts of tillage and fertilizer treatments on soil and root borne nematodes and maize yield in a fine textured cambisol	Journal of Nematology	Yes	Yes	https://doi.org/10.21307/jofnem-2018-033
MAIZE	Archana, K.A., Kuchanur, P.H. , Zaidi, P.H. , Mandal, S.S. , Arunkumar, B. , Patil, A. , Seetharam, K. , Vinayan, M.T.	Stability for grain yield and other traits in tropical maize (Zea mays L.) under heat stress and optimal conditions	International Journal of Current Microbiology and Applied Sciences	Yes	No	https://doi.org/10.20546/ijcms.2018.711.096
MAIZE	Kadjo, D., Ricker-Gilbert, J., Abdoulaye, T., Shively, G. & Baco, M. N.	Storage losses liquidity constraints, and maize storage decisions in Benin	Agricultural Economics	Yes	Yes	https://doi.org/10.1111/agec.12427
MAIZE	Ekpa, O., Palacios-Rojas, N. , Kruseman, G. , Fogliano, V. , Linnemann, A.	Sub-Saharan African maize-based foods : technological perspectives to increase the food and nutrition security impacts of maize breeding programmes	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.03.007

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MAIZE	Steward, P. R., Dougill, A. J., Thierfelder, C., Pittelkow, C. M., Stringer, L. C., Kudzala, M., Shackelford, G. E.	The adaptive capacity of maize-based conservation agriculture systems to climate stress in tropical and subtropical environments : a meta-regression of yields	Agriculture, Ecosystems and Environment	Yes	Yes	https://doi.org/10.1016/i.agee.2017.09.019
MAIZE	Kahan, D.G., Bymolt, R., Zaai, F.	Thinking Outside the Plot : Insights on Small-Scale Mechanisation from case studies in East Africa	Journal of Development Studies	No	Yes	https://doi.org/10.1080/00220388.2017.1329525
MAIZE & PIM	Ricker-Gilbert, J., Chamberlin, J.	Transaction costs, land rental markets, and their impact on youth access to agriculture in Tanzania	Land Economics	No	Yes	https://doi.org/10.3368/le.94.4.541
MAIZE	Araus, J.L., Kefauver, S.C., Zaman-Allah, M., Olsen, M., Cairns, J.E.	Translating high-throughput phenotyping into genetic gain	Trends in Plant Science	Yes	Yes	https://doi.org/10.1016/i.tplants.2018.02.001
MAIZE	Ahmad, K., Aslam, M., Imtiaz, M., Ahsan, M., Muhammad Farrukh Saleem	Treatment strength optimization for maize (Zea mays L.) against saline conditions using biplot analysis	Pakistan Journal of Agricultural Sciences	Yes	Yes	https://doi.org/10.21162/PAKJAS/18.6215
MAIZE	De Groote, H., Marangu, C., Gitonga, Z.	Trends in agricultural mechanization in Kenya's maize production areas from 1992-2012	Agricultural Mechanization in Asia, Africa and Latin America	Yes	Yes	NOT AVAILABLE
MAIZE	Kebede, Y., Baudron, F., Bianchi, F., Tiftonell, P.	Unpacking the push-pull system : assessing the contribution of companion crops along a gradient of landscape complexity	Agriculture, Ecosystems and Environment	Yes	Yes	https://doi.org/10.1016/i.agee.2018.09.012
MAIZE	Setimela, P.S., Gasura, E., Thierfelder, C., Zaman-Allah, M., Cairns, J.E., Prasanna, B.M.	When the going gets tough : performance of stress tolerant maize during the 2015/16 (el niño) and 2016/17 (la niña) season in Southern Africa	Agriculture, Ecosystems and Environment	No	Yes	https://doi.org/10.1016/i.agee.2018.09.006
MAIZE	Ajala, S., Olaniyan, A., Olayiwola, M. O. & Job, A. O.	Yield improvement in maize for tolerance to low soil nitrogen	Plant Breeding	No	Yes	https://doi.org/10.1111/pbr.12568
MAIZE	Vazquez-Carrillo, M.G., Preciado-Ortiz, R.E., Santiago-Ramos, D., Palacios-Rojas, N., Terron Ibarra, A., Hernandez-Calette, A.	Yield stability and grain and tortilla quality of new maize hybrids with added value for the subtropics of Mexico	Revista Fitotecnia Mexicana	Yes	Yes	https://www.revistafitotecniamexicana.org/41-4A.html
MAIZE	Titcomb, T.J., Sheftel, J., Sowa, M., Gannon, B., Davis, C.R., Palacios-Rojas, N., Tanumihardjo, S. A.	β -Cryptoxanthin and zeaxanthin are highly bioavailable from whole-grain and refined biofortified orange maize in humans with optimal vitamin A status : a randomized, crossover, placebo-controlled trial	The American Journal of Clinical Nutrition	No	Yes	https://doi.org/10.1093/ajcn/nqy134
MAIZE & A4NH	Banerji, A., Chowdhury, S., De Groote, H., Meenakshi, J.V., Haleegoah, J., Manfred Ewool	Eliciting willingness-to-pay through multiple experimental procedures : evidence from lab-in-the-field in rural Ghana	Canadian Journal of Agricultural Economics	No	Yes	https://doi.org/10.1111/cjag.12147
MAIZE & CCAFS	Parihar CM, Jat SL, Singh AK, Datta A, Parihar MD, Varghese E, Bandyopadhyay KK, Nayak HS, Kuri BR, Jat ML.	Changes in carbon pools and biological activities of a sandy loam soil under medium-term conservation agriculture and diversified cropping systems	European Journal of Soil Science	No	Yes	https://doi.org/10.1111/ejss.12680
MAIZE & CCAFS	Parihar, C.M., Yadav, M.R., Jat, S.L., Singh, A.K., Bhupender Kumar, Pooniya, V., Pradhan, S., Rakesh K. Verma, Jat, M.L., Jat, R.K., Parihar M.D., Hari S. N., Saharawat, Y.S.	Long-Term Conservation Agriculture and Intensified Cropping Systems: Effects on Growth, Yield, Water, and Energy-use Efficiency of Maize in Northwestern India	Pedosphere	No	Yes	https://doi.org/10.1016/S1002-0160(17)60468-5
MAIZE & CCAFS & RICE	Choudhary M, Datta A, Jat HS, Yadav AK, Gathala MK, Sapkota TB, Das AK, Sharma PC, Jat ML, Singh R, Ladha JK.	Changes in soil biology under conservation agriculture based sustainable intensification of cereal systems in Indo-Gangetic Plains	Geoderma	No	Yes	https://doi.org/10.1016/j.geoderma.2017.10.041

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& WHEAT						
MAIZE & CCAFS & RTB & WHEAT	Thornton PK, Whitbread A, Baedeker T, Cairns J, Claessens L, Baethgen W, Bunn C, Friedmann M, Giller KE, Herrero M, Howden M, Kilcline K, Nangia V, Ramirez-Villegas J, Kumar S, West PC, Keating B.	A framework for priority-setting in climate smart agriculture research	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2018.09.009
MAIZE & GLDC & RTB & WHEAT	Patti Petesch, Dina Najjar, Anne Rietveld, Nozomi Kawarazuka, Shelley Feldman, Marlene Elias, Joyce Luis, Lone Bech Badstue, Renee Bullock	Community typology framed by normative climate for agricultural innovation, empowerment, and poverty reduction	Journal of Gender Agriculture and Food Security	Yes	No	https://doi.org/10.19268/jgafs.312018.6
MAIZE & PIM	Orr, A., Donovan, J.A. , Stoian, D.	Smallholder value chains as complex adaptive systems : a conceptual framework	Journal of Agribusiness in Developing and Emerging Economies	Yes	No	https://doi.org/10.1108/JADEE-03-2017-0031
MAIZE & PIM	Hurley, T., Koo, J. , Fantaye, K. T.	Weather risk : how does it change the yield benefits of nitrogen fertilizer and improved maize varieties in sub-Saharan Africa?	Agricultural Economics	Yes	Yes	https://doi.org/10.1111/agec.12454
MAIZE & RICE & WHEAT	Kumar, V.,Jat, H. S.,Sharma, P.C.,Singh, B.,Gathala, M.K., Malik, R., Kamboj, B.R., Yadav, A. K., Jagdish Kumar Ladha, Raman, A.,Sharma, D.K., McDonald, A.	Can productivity and profitability be enhanced in intensively managed cereal systems while reducing the environmental footprint of production? Assessing sustainable intensification options in the breadbasket of India	Agriculture, Ecosystems and Environment	Yes	Yes	https://doi.org/10.1016/j.agee.2017.10.006
MAIZE & WHEAT	Villar-Hernandez, B.d.J., Perez-Elizalde, S. , Crossa, J. , Perez-Rodriguez, P. , Toledo, F.H. , Burgueño, J.	A Bayesian decision theory approach for genomic selection	G3: Genes, Genomes, Genetic	Yes	Yes	https://doi.org/10.1534/g3.118.200430
MAIZE & WHEAT	Su Yu, Colton, J. , Abdul Matin , Krupnik, T.J.	A simplified irrigation pump testing method for developing countries : a case study in Bangladesh	Irrigation and Drainage	Yes	Yes	https://doi.org/10.1002/ird.2269
MAIZE & WHEAT	Jat, H.S.,Datta, A.,Sharma, P.C.,Kumar, V.,Yadav, A.,Choudhary, M.,Choudhary, V.,Gathala, M.K.,Sharma, D.K.,Jat, M.L.,Yaduvanshi, N.P.S.,Singh, G.,McDonald, A.	Assessing soil properties and nutrient availability under conservation agriculture practices in a reclaimed sodic soil in cereal-based systems of North-West India	Archives of Agronomy and Soil Science	Yes	Yes	https://doi.org/10.1080/03650340.2017.1359415
MAIZE & WHEAT	Corbeels, M., Berre, D. , Rusinamhodzi, L. , Lopez-Ridaura, S.	Can we use crop modelling for identifying climate change adaptation options?	Agricultural and Forest Meteorology	No	Yes	https://doi.org/10.1016/j.agrfor.met.2018.02.026
MAIZE & WHEAT	Thierfelder, C., Baudron, F. , Setimela, P.S. , Nyagumbo, I. , Mupangwa, W. , Mhlanga, B. , Lee, N. , Gerard, B.	Complementary practices supporting conservation agriculture in southern Africa. A review	Agronomy for Sustainable Development	No	Yes	https://doi.org/10.1007/s13593-018-0492-8
MAIZE & WHEAT	Das, T.K., Saharawat, Y.S., Bhattacharya, R., Sudhishri, S., Bandyopadhyay, K.K., Sharma, A.R., Jat, M.L.	Conservation agriculture effects on crop and water productivity, profitability and soil organic carbon accumulation under a maize-wheat cropping system in the north-western indo-gangetic plains	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.10.021
MAIZE & WHEAT	Montesinos-López, A., Montesinos-Lopez, O.A. , De los Campos, G. , Crossa, J. , Burgueño, J. , Luna-Vazquez, F.J.	Correction to : bayesian functional regression as an alternative statistical analysis of high-throughput phenotyping data of modern agriculture	Plant Methods	Yes	Yes	https://doi.org/10.1186/s13007-018-0321-8
MAIZE & WHEAT	Mezzalama, M., Kumar, P.L.	Detection of threatening emerging pathogens in maize and wheat seed : phytosanitary challenges, regulations and solutions	Phytopathology	No	Yes	https://doi.org/10.1094/PHTYO-108-10-S1.240

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MAIZE & WHEAT	Ansaar Ahmed, Hussain, I. , Ibni Amin Khalil , Subhanulla , Gulzar Ahmed , Imtiaz Ahmad , Imtiaz, M.	Effect of bed planting and zero tillage on productivity and water use of Irrigated maize - wheat cropping system in Khyber Pakhtunkhwa province of Pakistan	Sarhad Journal of Agriculture	Yes	No	https://doi.org/10.17582/journal.sja/2018/34.3.696.704
MAIZE & WHEAT	Ali, A., Rahut, D. B.	Farmers willingness to grow GM food and cash crops : empirical evidence from Pakistan	GM Crops & Foods	No	Yes	https://doi.org/10.1080/21645698.2018.1544831
MAIZE & WHEAT	Huihui Li, Rasheed, A. , Hickey, L.T. , He Zhonghu	Fast-forwarding genetic gain	Trends in Plant Science	Yes	Yes	https://doi.org/10.1016/j.tplants.2018.01.007
MAIZE & WHEAT	Ali, A., Rahut, D. B.	Forest-based livelihoods, income, and poverty : empirical evidence from the Himalayan region of rural Pakistan	Journal of Rural Studies	No	Yes	https://doi.org/10.1016/j.jrurstud.2017.10.001
MAIZE & WHEAT	Ali, A.,Rahut, D.B.,Mottaleb, K.A.	Improved water-management practices and their impact on food security and poverty : empirical evidence from rural Pakistan	Water Policy	No	Yes	https://doi.org/10.2166/wp.2018.044
MAIZE & WHEAT	Grahmann, K.,Verhulst, N.,Mora Palomino, L.,Bischoff, W.A.,Govaerts, B.,Buerkert, A	Ion exchange resin samplers to estimate nitrate leaching from a furrow irrigated wheat-maize cropping system under different tillage-straw systems	Soil and Tillage Research	No	Yes	https://doi.org/10.1016/j.still.2017.08.013
MAIZE & WHEAT	Mohammed, Y., Fantaw Yimer, Menfese Tadesse, Fantaye, K. T.	Meteorological drought assessment in north east highlands of Ethiopia	International Journal of Climate Change Strategies and Management	Yes	Yes	https://doi.org/10.1108/IJCCSM-12-2016-0179
MAIZE & WHEAT & FTA	Badstue, L.B., Petesch, P. , Feldman, S. , Prain, G. , Elias, M. , Kantor, P.	Qualitative, comparative, and collaborative research at large scale : an introduction to GENNOVATE	Journal of Gender, Agriculture and Food Security	Yes	No	https://doi.org/10.19268/JGAFS.312018.1
MAIZE & WHEAT	Petesich, P., Badstue, L.B. , Camfield, L. , Feldman, S. , Prain, G. , Kantor, P.	Qualitative, comparative, and collaborative research at large scale : the GENNOVATE field methodology	Journal of Gender, Agriculture and Food Security	Yes	No	http://agrigender.net/views/the-GENNOVATE-field-methodology-JGAFS-312018-2.php
MAIZE & WHEAT	Duriaux, J. , Baudron, F. , Sunderland, T.	Retaining forests within agricultural landscapes as a pathway to sustainable intensification : evidence from Southern Ethiopia	Agriculture, Ecosystems and Environment	No	Yes	https://doi.org/10.1016/j.agee.2018.04.020
MAIZE & WHEAT	Rahut, D. B.,Mottaleb, K.A.,Ali, A.,Aryal, J.P.	The use and determinants of solar energy by Sub-Saharan African households	International Journal of Sustainable Energy	No	No	https://doi.org/10.1080/14786451.2017.1323897
MAIZE & WHEAT & BIGDAT A	Reynolds, M.P., Kropff, M. , Crossa, J. , Koo, J. , Kruseman, G. , Molero, A. , Rutkoski, J. , Schulthess, U. , Singh, B. , Sonder, K. ,Tonnang, H. , Vadez, V.	Role of modelling in international crop research : overview and some case studies	Agronomy	Yes	Yes	https://doi.org/10.3390/agronomy8120291
MAIZE & WHEAT & CCAFS	Jat, R.D., Jat, H.S. , Nanwal, R.K. , Yadav, A.K. , Bana, A. , Choudhary, K.M. , Kakraliya, S.K. , Sutaliya, J.M. , Sapkota, T.B. , Jat, M.L.	Conservation agriculture and precision nutrient management practices in maize-wheat system: effects on crop and water productivity and economic profitability	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.03.025
MAIZE & WHEAT & GLDC & RTB & FTA	Elias, M., Netsayi Mudege , Lopez, D.E. , Dina Najjar , Kandiwa, V. , Luis, J. , Jummai Yila , Amare Tegbaru , Gaya Ibrahim, Badstue, L.B. , Njuguna-Mungai, E. , Abderahim Bentaibi	Gendered aspirations and occupations among rural youth, in agriculture and beyond : a cross-regional perspective	Journal of Gender, Agriculture and Food Security	Yes	No	https://doi.org/10.19268/JGAFS.312018.4

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PIM	Ranganathan, Meghna; Bleile, Alexandra; Heise, Lori; Buller, Ana Maria; Hidrobo, Melissa; Peterman, Amber	A Mixed-Method Review of Cash Transfers and Intimate Partner Violence in low- and Middle-Income Countries	World Bank Research Observer	Yes	Yes	https://doi.org/10.1093/wbro/lky002
PIM	Hernandez, Manuel A.; Torero, Maximo	A poverty-sensitive scorecard to prioritize lending and grant allocation: Evidence from Central America	Food Policy	Yes	Yes	https://doi.org/10.1016/j.foodpol.2018.04.006
PIM	Martin, Will	A Research Agenda for International Agricultural Trade	Applied Economic Perspectives & Policy	Yes	Yes	https://doi.org/10.1093/aep/px063
PIM	Azzarri, Carlo; Guo, Zhe; Signorelli, Sara; Haile, Belyou	A spatial analysis of land use and cover change and agricultural performance: evidence from northern Ghana	Environment and Development Economics	No	Yes	https://doi.org/10.1017/s1355770x18000323
PIM	Aragie, Emerta; Pauw, Karl; Pernechele, Valentina	Achieving food security and industrial development in Malawi: Are export restrictions the solution?	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.03.020
PIM	Benfica, Rui; Jayne, Thomas S.; Chamberlin, Jordan	Africa's Unfolding Economic Transformation	Journal of Development Studies	Yes	Yes	https://doi.org/10.1080/00220388.2018.1430774
PIM	Ecker, Olivier	Agricultural transformation and food and nutrition security in Ghana: Does farm production diversity (still) matter for household dietary diversity?	Food Policy	Yes	Yes	https://doi.org/10.1016/j.foodpol.2018.08.002
PIM	Berazneva, Julia; Lee, David R.; Jakubson, George; PLatin America and the Caribbean (LAC)e, Frank	Allocation and Valuation of Smallholder Maize Residues in Western Kenya	Ecological Economics	No	Yes	https://doi.org/10.1016/j.ecolecon.2018.05.024
PIM	Donovan, Jason; ?Herrera-Arauz, Ingrid; Poole, Nigel; Poe, Keith	Ambition meets reality: lessons from the taro boom in Nicaragua	Journal of Agribusiness in Developing and Emerging Economies	Yes	Yes	https://doi.org/10.1108/jadee-02-2017-0023
PIM	Olofinbiyi, Tolulope; Mogues, Tewodaj	Analysis of the confluence between Nigeria's development strategies and its agricultural public expenditures	African Journal of Food, Agriculture, Nutrition & Development	Yes	Yes	https://doi.org/10.18697/ajfan.d.83.16950
PIM	Thurlow, James; Dorosh, Paul A.	Beyond Agriculture Versus Non-Agriculture: Decomposing Sectoral Growth–Poverty Linkages in Five African Countries	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2016.08.014
PIM	Vandecasteele, Joachim; Minten, Bart; Beyene, Seneshaw Tambru; Swinnen, Johan	Big cities, small towns, and poor farmers: Evidence from Ethiopia	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.03.006
PIM	Kosec, Katrina; Wantchekon, Leonard	Can information improve rural governance and service delivery?	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.07.017
PIM	Singh, Sudhir K.; Jin, Songqing; Deininger, Klaus; Liu, Yanyan	Can Labor-Market Imperfections Explain Changes in the Inverse Farm Size–Productivity Relationship? Longitudinal Evidence from Rural India	Land Economics	No	Yes	https://doi.org/10.3368/le.94.2.239
PIM	Dereje, Mekdim; Minten, Bart; Kuma, Tadesse; Hirvonen, Kalle	Cash Crops and Food Security: Evidence from Ethiopian Smallholder Coffee Producers	Journal of Development Studies	No	Yes	https://doi.org/10.1080/00220388.2018.1425396
PIM	Schuster, Monica; Lambrecht, Isabel; Asare Samwini, Sarah; Pelleriaux, Laura	Changing gender roles in agriculture? Evidence from 20 years of data in Ghana	Agricultural Economics	No	Yes	https://doi.org/10.1111/agec.12453
PIM	Wolf, Joost; Quiroz, Roberto; Petsakos, Athanasios; Asseng, Senthold; Robertson, Richard D.; Hoogenboom, Gerrit; Raymundo, Rub?; Hareau, Guy	Climate change impact on global potato production	European Journal of Agronomy	No	Yes	https://doi.org/10.1016/j.eja.2017.11.008

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PIM	Seymour, Gregory; Peterman, Amber	Context and measurement: An analysis of the relationship between intrahousehold decision making and autonomy	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.06.027
PIM	Lannerstad, Mats; Enahoro, Dolapo; Pfeifer, Catherine; Dominguez-Salas, Paula	Contributions of livestock-derived foods to nutrient supply under changing demand in low- and middle-income countries	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.08.002
PIM	Rosenzweig, Cynthia; Mason-D'Croz, Daniel; Antle, John; Wiebe, Keith; Ashfaq, Muhammad; Ruane, Alex C; Elliott, Joshua	Coordinating AgMIP data and models across global and regional scales for 1.5°C and 2.0°C assessments	Philosophical Transactions of the Royal Society A: Mathematical, Physical & Engineering Sciences	No	Yes	https://doi.org/10.1098/rsta.2016.0455
PIM	Resnick, Danielle; Kyle, Jordan	Delivering More with Less: Subnational Service Provision in Low Capacity States	Studies in Comparative International Development	Yes	Yes	https://doi.org/10.1007/s12116-018-9276-z
PIM	Mahrt, Kristi; Hartley, Faiqa; Merven, Bruno; Ireland, Gregory; Arndt, Channing; Wright, Jarrad	Developments in Variable Renewable Energy and Implications for Developing Countries	Current Sustainable/Renewable Energy Reports	Yes	Yes	https://doi.org/10.1007/s40518-018-0121-9
PIM	Bell, Andrew; Ward, Patrick S.; Zavaleta Cheek, Jennifer; Mataya, Frazer	Do As They Did: Peer Effects Explain Adoption of Conservation Agriculture in Malawi	Water (20734441)	Yes	Yes	https://doi.org/10.3390/w10010051
PIM	Hoel, Jessica Blumer; Karachiwalla, Naureen Iqbal; Ashour, Maha; Gilligan, Daniel Orth	Do Beliefs About Herbicide Quality Correspond with Actual Quality in Local Markets? Evidence from Uganda	Journal of Development Studies	Yes	Yes	https://doi.org/10.1080/00220388.2018.1464143
PIM	Lambrecht, Isabel; Ragasa, Catherine	Do development projects crowd-out private sector activities? Evidence from contract farming participation in Northern Ghana	Food Policy	No	Yes	https://doi.org/10.1016/j.foodpol.2017.11.001
PIM	Kumar, Anjani; Joshi, Pramod Kumar; Roy, Devesh; Tripathi, Gaurav; Adhikari, Rajendra Prasad	Does contract farming improve profits and food safety? Evidence from tomato cultivation in Nepal	Journal of Agribusiness in Developing and Emerging Economies	No	Yes	https://doi.org/10.1108/jadee-09-2017-0095
PIM	Kumar, Anjani; Joshi, Pramod Kumar; Saroj, Sunil; Takeshima, Hiroyuki	Does cooperative membership improve household welfare? Evidence from a panel data analysis of smallholder dairy farmers in Bihar, India	IFPRI Knowledge Repository	No	Yes	https://doi.org/10.1016/j.foodpol.2018.01.005
PIM	Benton, Tim G.; Bell, Andrew R.; Ward, Patrick S.; Droppelmann, Klaus	Early adoption of conservation agriculture practices: Understanding partial compliance in programs with multiple adoption decisions	Land Use Policy	No	Yes	https://doi.org/10.1016/j.landusepol.2017.10.001
PIM	Vandenbroeck, Michel; Morabito, Christian; Van de gaer, Dirk; Figueroa, Jos? Luis	Effects of high versus low-quality preschool education: A longitudinal study in Mauritius	Economics of Education Review	No	Yes	https://doi.org/10.1016/j.econedurev.2018.06.006
PIM	Houssou, Nazaire; Diao, Xinshen; Takeshima, Hiroyuki	Effects of tractor ownership on returns-to-scale in agriculture: Evidence from maize in Ghana	Food Policy	No	Yes	https://doi.org/10.1016/j.foodpol.2018.04.001
PIM	Gort, Gerrit; Bhandary, Prapti; Bianchi, Felix; vander Werf, Wopke; Zhang, Wei; Kato, Edward	Farmers' perceptions of crop pest severity in Nigeria are associated with landscape, agronomic and socio-economic factors	Agriculture, Ecosystems and Environment	Yes	Yes	https://doi.org/10.1016/j.agee.2018.03.004
PIM	Bulte, Erwin; Zhang, Xiaobo; Wang, Ruixin	Forced gifts: The burden of being a friend	Journal of Economic Behavior & Organization	No	Yes	https://doi.org/10.1016/j.jebo.2018.08.011
PIM	Takeshima, Hiroyuki	Geography of plant breeding systems, agroclimatic similarity, and agricultural productivity: evidence from Nigeria	Agricultural Economics	Yes	Yes	https://doi.org/10.1111/agec.12466

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PIM	Wu, Wenbin; van Vliet, Jasper; Verburg, Peter H.; Yu, Qiang-Yi; You, Liangzhi; Yang, Peng	Harvested area gaps in China between 1981 and 2010: effects of climatic and land management factors	Environmental Research Letters	Yes	Yes	https://doi.org/10.1088/1748-9326/aaafe0
PIM	Springmann, Marco; Scarborough, Peter; Mason-D'Croz, Daniel; Sulser, Timothy B.; Wiebe, Keith D.; Rayner, Mike	Health and nutritional aspects of sustainable diet strategies and their association with environmental impacts: a global modelling analysis with country-level detail	The Lancet Planetary Health	Yes	No	https://doi.org/10.1016/s2542-5196(18)30206-7
PIM	Andam, Kwaw S.; Houssou, Nazaire; Asante-Addo, Collins; Ragasa, Catherine	How Can African Governments Reach Poor Farmers with Fertiliser Subsidies? Exploring a Targeting Approach in Ghana	Journal of Development Studies	No	Yes	https://doi.org/10.1080/00220388.2018.1528353
PIM	Kumar, Anjani; Joshi, Pramod Kumar; D'Souza, Alwin; Tripathi, Gaurav; Mishra, Ashok K.	How can organic rice be a boon to smallholders? Evidence from contract farming in India	Food Policy	No	Yes	https://doi.org/10.1016/j.foodpol.2018.01.007
PIM	Kankwamba, Henry; Pauw, Karl; Kadzamira, Mariam	How diversified is cropping in Malawi? Patterns, determinants and policy implications	Food Security	No	Yes	https://doi.org/10.1007/s12571-018-0771-x
PIM	Koru, Bethlehem; Abate, Gashaw T.; Abay, Kibrom A.; Berhane, Guush	HOW SHOULD RURAL FINANCIAL COOPERATIVES BE BEST ORGANIZED? EVIDENCE FROM ETHIOPIA	Annals of Public & Cooperative Economics	Yes	Yes	https://doi.org/10.1111/apce.12212
PIM	Feike, T.; Kuebler, D.; Falk, T.; Spangenberg, J.H.; Kobbe, S.; Siegmund-Schultze, M.; Settele, J.; Vorlaufer, T	Identifying governance challenges in ecosystem services management – Conceptual considerations and comparison of global forest cases	Ecosystem Services	Yes	Yes	https://doi.org/10.1016/j.ecoser.2018.07.012
PIM	Kumar, Anjani; D'Souza, Alwin; Joshi, Pramod Kumar; Mishra, Ashok K.	Impact of contract farming on yield, costs and profitability in low-value crop: evidence from a low-income country	Australian Journal of Agricultural & Resource Economics	Yes	Yes	https://doi.org/10.1111/1467-8489.12268
PIM	Van Campenhout, Bjorn; Kabunga, Nassul S.; Bizimungu, Emmanuel; Smart, Jenny	Impact pathways of a participatory local governance initiative in Uganda: a qualitative exploration	Development in Practice	No	Yes	https://doi.org/10.1080/09614524.2018.1509944
PIM	Rahut, Dil Bahadur; Mottaleb, Khondoker Abdul	Impacts of Improved Infrastructure on Labor Allocation and Livelihoods: The Case of the Jamuna Multipurpose Bridge, Bangladesh	European Journal of Development Research	No	Yes	https://doi.org/10.1057/s41287-018-0186-8
PIM	Martin, Will; Laborde Debucquet, David	Implications of the global growth slowdown for rural poverty	Agricultural Economics	Yes	Yes	https://doi.org/10.1111/agec.12419
PIM	Ringler, Claudia; Ahmed, Akhter U.; Bryan, Elizabeth; Bell, Andrew Reid	Increasing crop production benefits to small producers in Bangladesh	IFPRI Knowledge Repository	No	No	http://ebrary.ifpri.org/cdm/ref/collection/p15738coll5/id/6263
PIM	Erman, Alvina; Mogues, Tewodaj	Institutional arrangements to make public spending responsive to the poor: When intent meets political economy realities	Development Policy Review	No	Yes	https://doi.org/10.1111/dpr.12406
PIM	Vandecasteele, Joachim; Dereje, Mekdim; Minten, Bart; Taffesse, Alemayehu Seyoum	Labour, profitability and gender impacts of adopting row planting in Ethiopia	European Review of Agricultural Economics	Yes	Yes	https://doi.org/10.1093/erae/ibv001
PIM	Stein, Holden; Ghebru, Hosaena	Land rental markets and rural poverty dynamics in Northern Ethiopia: Panel data evidence using survival models	Review of Development Economics	Yes	Yes	https://doi.org/10.1111/rode.12548
PIM	Lambrecht, Isabel; Kufoalor, Doreen S.; Ragasa, Catherine	Limitations of Contract Farming as a Pro-poor Strategy: The Case of Maize Outgrower Schemes in Upper West Ghana	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2017.09.008
PIM	Kyle, Jordan	Local Corruption and Popular Support for Fuel Subsidy Reform in Indonesia	Comparative Political Studies	Yes	Yes	https://doi.org/10.1177/0010414018758755

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PIM	Kosec, Katrina; Hatfield, John William	Local Environmental Quality and Interjurisdictional Spillovers	Economica	No	Yes	https://doi.org/10.1111/ecca.12277
PIM	Tokgoz, Simla; Majeed, Fahd	Measuring Distortions to Agricultural Incentives for Value Chain Analysis: Evidence from Indian Value Chains	Journal of Agricultural Economics	No	Yes	https://doi.org/10.1111/1477-9552.12305
PIM	Takeshima, Hiroyuki	Mechanize or exit farming? Multiple-treatment-effects model and external validity of adoption impacts of mechanization among Nepalese smallholders	Review of Development Economics	No	Yes	https://doi.org/10.1111/rode.12407
PIM	Fadare, Olusegun; Oyeyemi, Motunrayo; Mavrotas, George; Akerele, Dare	Micronutrient-rich food consumption, intra-household food allocation and child stunting in rural Nigeria	Public Health Nutrition	No	Yes	https://doi.org/10.1017/s1368980018003075
PIM	de Brauw, Alan; Giles, John	Migrant Labor Markets and the Welfare of Rural Households in the Developing World: Evidence from China	World Bank Economic Review	Yes	Yes	https://doi.org/10.1093/wber/lhx023
PIM	Pineiro, Valeria; Arias, Joaquin; Saini, Eugenia; Matthews, Alan; Schmidhuber, Josef; Bureau, Jean-Christophe; Laborde Debucquet, David; Elverdin, Pablo	Monitoring agricultural productivity for sustainable production and R&D planning	IFPRI Knowledge Repository	Yes	No	https://doi.org/10.5018/economics-ejournal.ja.2018-66
PIM	Ward, Patrick S.; Makhija, Simrin	New modalities for managing drought risk in rainfed agriculture: Evidence from a discrete choice experiment in Odisha, India	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.03.002
PIM	Le Port, Agnès; Rawat, Rahul; Bernard, Tanguy; Hidrobo, Melissa	Nutrition-Based Incentives in Dairy Contract Farming in Northern Senegal	American Journal of Agricultural Economics	No	Yes	https://doi.org/10.1093/ajae/aya036
PIM	Kosec, Katrina; Haider, Hamza; Zaidi, Fatima; Spielman, David J.	Political competition and rural welfare: evidence from Pakistan	Oxford Economic Papers	Yes	Yes	https://doi.org/10.1093/oxep/gpy013
PIM	Lihe, Xu; Bulte, Erwin; Zhang, Xiaobo	Post-disaster aid and development of the manufacturing sector: Lessons from a natural experiment in China	European Economic Review	No	Yes	https://doi.org/10.1016/j.euroecorev.2017.10.019
PIM	Kumar, Anjani; D'Souza, Alwin; Joshi, Pramod Kumar; Mishra, Ashok K.	Production Risks, Risk Preference and Contract Farming: Impact on Food Security in India	Applied Economic Perspectives & Policy	No	Yes	https://doi.org/10.1093/aep/pvpy017
PIM	Hoddinott, John F.; Akhter, Ahmed; Roy, Shalini	Randomized control trials demonstrate that nutrition-sensitive social protection interventions increase the use of multiple-micronutrient powders and iron supplements in rural pre-school Bangladeshi children	Public Health Nutrition	Yes	Yes	https://doi.org/10.1017/s1368980017004232
PIM	Bathla, Seema; Kumar, Anjani; Joshi, Pramod Kumar	Regional income inequalities and public investments in rural India	Agricultural Economics Research Review	No	Yes	https://doi.org/10.5958/0974-0279.2018.00002.2
PIM	Brooks, Karen	Rising absolutely, declining relatively: agriculture, climate change, and job creation in Africa	Agrekon	No	Yes	https://doi.org/10.1080/03031853.2018.1538002
PIM	Xie, Zhuan; Huang, Yiping; Wang, Xu; Zhang, Xiaobo	Roads to innovation: Firm-level evidence from People's Republic of China (PRC)	China Economic Review	No	Yes	https://doi.org/10.1016/j.chieco.2017.12.012
PIM	Niu, Chiyu; Ragasa, Catherine	Selective attention and information loss in the lab-to-farm knowledge chain: The case of Malawian agricultural extension programs	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2018.06.003

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PIM	Kweka, Josaphat; McMillan, Margaret S.; Diao, Xinshen	Small firms, structural change and labor productivity growth in Africa: Evidence from Tanzania	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2017.12.016
PIM	Kumar, Neha; Hoddinott, John F.; Olivier, Meghan; Hidrobo, Melissa	Social Protection, Food Security, and Asset Formation	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2017.08.014
PIM	Li, Chongguang; Li, Gucheng; See, Linda; Fritz, Steffen; Zhang, Shenyong; You, Liangzhi; Ji, Long	Spatial and temporal changes of vegetable production in China	Journal of Land Use Science	No	Yes	https://doi.org/10.1080/1747423x.2018.1459908
PIM	Wood-Sichra, Ulrike; Komarek, Adam M.; Koo, Jawoo; You, Liangzhi	Spatially-explicit effects of seed and fertilizer intensification for maize in Tanzania	Land Use Policy	Yes	Yes	https://doi.org/10.1016/j.landusepol.2018.06.033
PIM	Bhargava, Anil K.; Lybbert, Travis J.; Magnan, Nicholas; Gulati, Kajal; Spielman, David J.	Targeting Technology to Increase Smallholder Profits and Conserve Resources: Experimental Provision of Laser Land-Leveling Services to Indian Farmers	Economic Development & Cultural Change	No	Yes	https://doi.org/10.1086/695284
PIM	Kosec, Katrina; Gottlieb, Jessica	The Countervailing Effects of Competition on Public Goods Provision: When Bargaining Inefficiencies Lead to Bad Outcomes	American Political Science Review	Yes	Yes	https://doi.org/10.1017/s000305418000667
PIM	Mazunda, John; Ragasa, Catherine	The impact of agricultural extension services in the context of a heavily subsidized input system: The case of Malawi	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2017.12.004
PIM	Zhang, Xin; Chen, Xi; Zhang, Xiaobo	The impact of exposure to air pollution on cognitive performance	Proceedings of the National Academy of Sciences of the United States of America	Yes	Yes	https://doi.org/10.1073/pnas.1809474115
PIM	Aurino, Elisabetta; Gelli, Aulo; Assima, Amidou; Masset, Edoardo; Tranchant, Jean-Pierre; Diallo, Amadou Sekou; Bliznashka, Lilia; Sacko, Moussa	The impact of food assistance on food insecure populations during conflict: Evidence from a quasi-experiment in Mali	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.01.027
PIM	Debnath, Deepayan; Helmer, Michael; Babu, Suresh Chandra; Ghosh, Parijat	The impact of India's food security policy on domestic and international rice market	Journal of Policy Modeling	No	Yes	https://doi.org/10.1016/j.jpolmod.2017.08.006
PIM	de Brauw, Alan; Bernard, Tanguy; Minot, Nicholas; Abate, Gashaw T.	The impact of the use of new technologies on farmers' wheat yield in Ethiopia: evidence from a randomized control trial	Agricultural Economics	Yes	Yes	https://doi.org/10.1111/agec.12425
PIM	Babu, Suresh Chandra; Resnick, Danielle; Haggblade, Steven; Hendriks, Sheryl L.	The Kaleidoscope Model of policy change: Applications to food security policy in Zambia	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.04.004
PIM	Jayne, Thomas S.; Burke, William J.; Sitko, Nicholas J.	The Quiet Rise of Large-Scale Trading Firms in East and Southern Africa	Journal of Development Studies	Yes	Yes	https://doi.org/10.1080/00220388.2018.1430773
PIM	Landmann, Dirk Hauke; Cadilhon, Jean-Joseph	The role of trust and networks in developing Nicaraguan farmers' agribusiness capacities	IFPRI Knowledge Repository	No	No	http://ebrary.ifpri.org/cdm/ref/collection/p15738coll9/id/423
PIM	Andam, Kwaw S.; Asante, Seth; Diao, Xinshen; Al-Hassan, Ramatu M.; Tschirley, David	The transformation of urban food systems in Ghana: Findings from inventories of processed products	Outlook on Agriculture	No	Yes	https://doi.org/10.1177/0030727018785918
PIM	Tamru, Seneshaw; Dereje, Mekdim; Minten, Bart; Engida, Ermias	Tracking the Quality Premium of Certified Coffee: Evidence from Ethiopia	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2017.08.010
PIM	Martin, Will	Trade and economic impacts of destination-based business cash-flow taxes	World Economy	No	Yes	https://doi.org/10.1111/twec.12663
PIM	Azzarri, Carlo; Msangi, Siwa; Komarek, Adam M.; Haile, Beliyu; Koo, Jawoo	Trade-offs and synergies between yield, labor, profit, and risk in Malawian maize-based cropping systems	Agronomy for Sustainable Development	Yes	Yes	https://doi.org/10.1007/s13593-018-0506-6

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PIM	Hoddinott, John F.; Roy, Shalini; Hidrobo, Melissa; Ahmed, Akhter	Transfers, Behavior Change Communication, and Intimate Partner Violence: Post-Program Evidence from Rural Bangladesh	Review of Economics & Statistics	Yes	Yes	https://doi.org/10.1162/rest_a_00791
PIM	McMillan, Margaret S.; Diao, Xinshen; Magalhaes, Eduardo	Understanding the Role of Rural Non-Farm Enterprises in Africa's Economic Transformation: Evidence from Tanzania	Journal of Development Studies	No	Yes	https://doi.org/10.1080/00220388.2018.1430766
PIM	Caceres, Leonardo; Mogues, Tewodaj	Unpacking the 'Black Box' of Public Expenditure Data in Africa: Quantification of Agricultural Spending Using Mozambique's Budget Reports	Data Science Journal	Yes	Yes	https://doi.org/10.5334/dsj-2018-009
PIM	Bou?t, Antoine; Laborde Debucquet, David	US trade wars in the twenty-first century with emerging countries: Make America and its partners lose again	World Economy	Yes	Yes	https://doi.org/10.1111/twec.12719
PIM	Li, Man; Bell, Andrew Reid; Xu, Wenchao	Water Security and Irrigation Investment: Evidence from a Field Experiment in Rural Pakistan	Applied Economics	No	Yes	https://doi.org/10.1080/00036846.2018.1513634
PIM	Osgood, Daniel; Hain, Christopher; Enenkel, Markus; Wagner, Wolfgang; Farah, Carlos; White, Andrew; You, Liangzhi; Anderson, Martha	What Rainfall Does Not Tell Us—Enhancing Financial Instruments with Satellite-Derived Soil Moisture and Evaporative Stress	Remote Sensing	Yes	Yes	https://doi.org/10.3390/rs10111819
PIM	Seymour, Greg; Kassie, Menale; Muricho, Geoffrey; Muriithi, Beatrice Wambui; Dirro, Gracious M.	Women's empowerment in agriculture and agricultural productivity: Evidence from rural maize farmer households in western Kenya	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0197995
PIM	Doss, Cheryl; Quisumbing, Agnes R.; Mueller, Valerie	Youth Migration and Labour Constraints in African Agrarian Households	Journal of Development Studies	No	Yes	https://doi.org/10.1080/00220388.2018.1430770
PIM & A4NH	Malapit, Hazel J.; Theis, Sophie; Komatsu, Hitomi	Does women's time in domestic work and agriculture affect women's and children's dietary diversity? Evidence from Bangladesh, Nepal, Cambodia, Ghana, and Mozambique	Food Policy	Yes	Yes	https://doi.org/10.1016/j.foodpol.2018.07.002
PIM & RTB	Athanasios Petsakos, Guy Gaston Hareau, Ulrich Kleinwechter, Keith Wiebe, Timothy Sulser	Comparing modeling approaches for assessing priorities in international agricultural research	Research Evaluation	Yes	Yes	https://doi.org/10.1093/reseval/rvx044
RTB	Tesfamichael Assfaw, Arega Alene, Tahirou Abdoulaye, Shiferaw Feleke, Ismail Rabbi, Victor Manyong	Poverty Reduction Effects of Agricultural Technology Adoption: The Case of Improved Cassava Varieties in Nigeria	Journal of Agricultural Economics	No	Yes	https://doi.org/10.1111/1477-9552.12296
PIM & WHEAT & BIGDAT A	Ixchel M.Hernandez-Ochoa, Senthold Asseng, Belay T. Kassie., Wei Xiong, Ricky Robertson, Diego Notelo Luz Pequeno, Kai Sonder, Matthew Reynold, Md Ali Babar, Anabel Molero Milan, Gerrit Hoogenboom	Climate change impact on Mexico wheat production	Agricultural and Forest Meteorology	No	Yes	https://doi.org/10.1016/j.agrfor.2018.09.008
PIM & WLE	Wood, S.L.R.; Jones, S.K.; Johnson, J.A.; Brauman, K.A.; Chaplin-Kramere, R.; Fremier, A.; Girvetz, E.; Gordon, L.J.; Kappel, K.V.; Mandle, L.; Mulligan, M.; O'Farrell, P.; Smith, W.K.; Willemen, L.; Zhang, W.; DeClerck, F.A.	Distilling the role of ecosystem services in the Sustainable Development Goals	Ecosystem Services	No	Yes	https://doi.org/10.1016/j.ecoser.2017.10.010
WLE	Rodrigues, Joao; Thurlow, James; Robertson, Richard; Schuenemann, Franziska; Meyer, Stefan	Evaluating irrigation investments in Malawi: economy-wide impacts under uncertainty and labor constraints	Agricultural Economics	No	Yes	https://doi.org/10.1111/agec.12412

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PIM & WLE	Mirjat, Nayyar Hussain; Uqaili, Muhammad Aslam; Harijan, Khanji; Sahin, Hasret; Walasai, Gordhan Das; Mondal, Md. Hossain Alam	Long-term electricity demand forecast and supply side scenarios for Pakistan (2015–2050): A LEAP model application for policy analysis	Energy	No	Yes	https://doi.org/10.1016/j.energy.2018.10.012
PIM & WLE	Meinzen-Dick, Ruth Suseela; Rao, Kaushalendra; Theis, Sophie; Kandikuppa, Sandeep; Janssen, Marco A.; Chaturvedi, Rahul	Playing games to save water: Collective action games for groundwater management in Andhra Pradesh, India	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.02.006
PIM & WLE	Mondal, Md. Hossain Alam; Rosegrant, Mark W.; Ringler, Claudia; Pradesha, Angga; Valmonte-Santos, Rowena.	The Philippines energy future and low-carbon development strategies	Energy	Yes	Yes	https://doi.org/10.1016/j.energy.2018.01.039
PIM & WLE	Boyd, Robert; Richerson, Peter J; Meinzen-Dick, Ruth Suseela; De Moor, Tine; Jackson, Matthew O; Gjerde, Kristina M; Harden-Davies, Harriet; Frischmann, Brett M; Madison, Michael J; Strandburg, Katherine J; McLean, Angela R; and Dye, Christopher.	Tragedy revisited	Science	Yes	Yes	https://doi.org/10.1126/science.aaw0911
PIM & WLE	Lefore, Nicole; Bryan, Elizabeth; Meinzen-Dick, Ruth Suseela; Theis, Sophie	What happens after technology adoption? Gendered aspects of small-scale irrigation technologies in Ethiopia, Ghana, and Tanzania	Agriculture & Human Values	Yes	Yes	https://doi.org/10.1007/s10460-018-9862-8
RICE	Ta KN, Khong NG, Ha TL, Nguyen DT, Mai DC, Hoang TG, Phung TPN, Bourrie I, Courtois B, Tran TTH, Dinh BY, LA TN, DO NV, Lebrun M, Gantet P, Jouannic S	A genome-wide association study using a Vietnamese landrace panel of rice (<i>Oryza sativa</i>) reveals new QTLs controlling panicle morphological traits	BMC Plant Biol	Yes	Yes	https://doi.org/10.1186/s12870-018-1504-1
RICE	Dossou-Yovo ER, Kouyaté A, Sawadogo T, Ouédraogo I, Bakare O, Zwart SJ.	A geospatial database of drought occurrence in inland valleys in Mali, Burkina Faso and Nigeria	Data in Brief	Yes	Yes	https://doi.org/10.1016/j.dib.2018.06.105
RICE	Thi Phan N, D De Waele, M Lorieux, L Xiong, S Bellafiore	A Hypersensitivity-Like Response to <i>Meloidogyne graminicola</i> in rice (<i>Oryza sativa</i> L.)	Phytopathology	Yes	Yes	https://doi.org/10.1094/PHYTO-07-17-0235-R
RICE	Bousset L, Ermel M, Soglonou B, Husson O	A method to measure redox potential (Eh) and pH in agar media and plants shows that fungal growth is affected by and affects pH and Eh	Fungal Biology	No	Yes	https://doi.org/10.1016/j.funbio.2018.11.008
RICE	Bureau C, Lanau N, Ingouff M, Hassan B, Meunier AC, Divol F, Sevilla R, Mieulet D, Dievart A, Périn C.	A protocol combining multiphoton microscopy and propidium iodide for deep 3D root meristem imaging in rice: application for the screening and identification of tissue-specific enhancer trap lines	Plants Methods	Yes	No	https://doi.org/10.1186/s13007-018-0364-x
RICE	Yamane, Koji, Ranee C. Mabesa-Telosa, Ryosuke Tajima, Nino P. M. C. Banayo and Yoichiro Kato	A simple, low-cost technique for in situ measurement of leaf P concentration in field-grown rice	Journal of Plant Nutrition and Soil Science	No	Yes	https://doi.org/10.1002/jpln.201800187
RICE	Carpenter, Sara C., Prashant Mishra, Chandrika Ghoshal, Prasanta Dash, Li Wang, Samriti Midha, Gouri S. Laha, Jagjeet Lore, Wichai Kositratana, Nagendra K. Singh, Kuldeep Singh, Prabhu B. Patil, Ricardo Oliva, Sujin Patarapuwadol, Adam J. Bogdanove and Rhitu Rai	A strain of an emerging Indian <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> pathotype defeats the rice bacterial blight resistance gene xa13 without inducing a Clade III SWEET gene and is nearly identical to a recent Thai isolate	Frontiers in Microbiology	Yes	Yes	https://doi.org/10.3389/fmicb.2018.02703
RICE	Wang, Hongwen, Wanxin Chen, Kai Eggert, Tatsiana Charnikhova, Harro Bouwmeester, Patrick Schweizer, Mohammad R. Hajirezaei, Christiane Seiler, Nese Sreenivasulu, Nicolaus von Wirén, and Markus Kuhlmann	Absciscic acid influences tillering by modulation of strigolactones in barley	Journal of Experimental Botany	Yes	Yes	https://doi.org/10.1093/jxb/ery200

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RICE	He, Juan, Roderick Rejesus, Xiaoyong Zheng, Jose Yorobe Jr.	Advantageous selection in crop insurance: Theory and evidence	Journal of Agricultural Economics	No	Yes	https://doi.org/10.1111/1477-9552.12267
RICE	Lal, B., P. Gautam, A. K. Nayak, R. Raja, M. Shahid, R. Tripathi, S. Singh, E. M. Septiningsih, and A. M. Ismail	Agronomic manipulations can enhance the productivity of anaerobic tolerant rice sown in flooded soils in rainfed areas	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2016.08.026
RICE	Sharma, Niharika, Trang Minh Dang, Namrata Singh, Slobodan Ruzicic, Bernd Mueller-Roeber, Ute Baumann, Sigrid Heuer	Allelic variants of OsSUB1A cause differential expression of transcription factor genes in response to submergence in rice	Rice	Yes	Yes	https://doi.org/10.1186/s12284-017-0192-z
RICE	Bossa-Castro, A. M., Tekete, Ch., Raghavan, Ch., Delorean, E.E., Dereeper, A., Dagno, K., Koita, O., Mosquera, G., Leung, H., Verdier, V., Leach, J.E.	Allelic variation for broad-spectrum resistance and susceptibility to bacterial pathogens identified in a rice MAGIC population	Plant Biotechnology Journal	Yes	Yes	https://doi.org/10.1111/pbi.12895
RICE	Moukoubi YD, El-Namkay , Djaman K, Mbodj D and Manneh B	Alternate phenotype–genotype selection for developing superior high-yielding irrigated rice lines	The Crop Journal	Yes	Yes	https://doi.org/10.1016/j.cj.2017.08.010
RICE	Setyanto, Prihasto, Ali Pramono, Terry Ayu Adriany, Helena Lina Susilawati, Takeshi Tokida, Agnes T. Padre and Kazunori Minamikawa	Alternate wetting and drying reduces methane emission from a rice paddy in Central Java, Indonesia without yield loss	Soil Science and Plant Nutrition	Yes	Yes	https://doi.org/10.1080/00380768.2017.1409600
RICE	Yelome OI, Audenaert K, Landschoot S, Dansi A, Vanhove W, Silué D, Van Damme P, Haesaert G.	Analysis of population structure and genetic diversity reveals gene flow and geographic patterns in cultivated rice (O. sativa and O. glaberrima) in West Africa	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2285-1
RICE	Chen, Sunlu, Nozomi Saito, Jaymee R. Encabo, Kanae Yamada, Il-Ryong Choi, and Yuji Kishima	Ancient endogenous pararetroviruses in Oryza genomes provide insights into the heterogeneity of viral gene macroevolution	Genome Biology and Evolution	Yes	Yes	https://doi.org/10.1093/gbe/evy207
RICE	Zohoun, E.V., Ndindeng, S.A., Soumanou, M.M., Tang, E.N., Bigoga, J., Manful, J., Sanyang, S., Akissoe, N.H. and Futakuchi, K	Appropriate parboiling steaming time at atmospheric pressure and variety to produce rice with weak digestive properties	Food Science & Nutrition	Yes	Yes	https://doi.org/10.1002/fsn3.617
RICE	Mbodj, D, Effa-Effa, B, Kane, A, Manneh, B, Gantet, P, Laplaze, L, Diedhiou, AG and Grondin, A	Arbuscular mycorrhizal symbiosis in rice: Establishment, environmental control and impact on plant growth and resistance to abiotic stresses	Rhizosphere	Yes	Yes	https://doi.org/10.1016/j.rhisp.2018.08.003
RICE	Verdeprado, Holden, Tobias Kretzschmar, Hasina Begum, Chitra Raghavan, Priya Joyce, Prakash Lakshmanan, Joshua N. Cobb, and Bertrand C.Y. Collard	Association mapping in rice: basic concepts and perspectives for molecular breeding	Plant Production Science	Yes	Yes	https://doi.org/10.1080/1343943X.2018.1483205
RICE	Cobb, Joshua N. and Partha S. Biswas	Back to the future: revisiting MAS as a tool for modern plant breeding	Theoretical and Applied Genetics	Yes	Yes	https://doi.org/10.1007/s00122-018-3266-4
RICE	De Leon, Marian P., Andrew D. Montecillo, Dale S. Pinili, Maria Auxilia T. Siringan, Doo-Sang Park	Bacterial diversity of bat guano from Cabalyorisa Cave, Mabini, Pangasinan, Philippines: A first report on the metagenome of Philippine bat guano	PLoS One	Yes	Yes	https://doi.org/10.1371/journal.pone.0200095
RICE	Nguyen-Van-Hung, Tran-Van-Tuan, Pyseth Meas, Caesar Joventino M. Tado, Myo Aung Kyaw and Martin Gummert	Best practices for paddy drying: case studies in Vietnam, Cambodia, Philippines, and Myanmar	Plant Production Science	Yes	Yes	https://doi.org/10.1080/1343943X.2018.1543547
RICE	Mockshell, Jonathan and Josey Kamanda	Beyond the Agroecological and Sustainable Agricultural Intensification Debate: Is Blended Sustainability the Way Forward?	International Journal of Agricultural Sustainability	No	Yes	https://doi.org/10.1080/14735903.2018.1448047

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RICE	Nariman-Saleh-Fam, Ziba, Milad Bastami, Mohammadreza Ardalan, Simin Sharifi, Seyed Mahdi Hosseinian Khatib and Sepideh Zununi Vahed	Cell-free microRNA-148a is associated with renal allograft dysfunction: Implication for biomarker discovery	Journal of Cellular Biochemistry	No	Yes	https://doi.org/10.1002/jcb.27860
RICE	Baggie I, Sumah F, Zwart SJ, Sawyerr P, Bandabla T, Kamara CS	Characterization of the mangrove swamp rice soils along the Great Scarcies River in Sierra Leone using principal component analysis	Catena	No	Yes	https://doi.org/10.1016/j.catena.2017.11.026
RICE	Sebela, David, Cheryl Quinones, Casiana Vera Cruz, Isabelita Ona, Julie Olejnickova, Krishna S. V. Jagadish	Chlorophyll fluorescence and reflectance-based non-invasive quantification of blast, bacterial blight and drought stresses in rice	Plant and Cell Physiology	Yes	Yes	https://doi.org/10.1093/pcp/pcx144
RICE	Gladieux P, Ravel S, Rieux A, Cros-Arteil S, Adreit H, Milazzo J, Thierry M, Fournier E, Terauchi R, Tharreau D	Coexistence of Multiple Endemic and Pandemic Lineages of the Rice Blast Pathogen	Mbio	Yes	Yes	https://doi.org/10.1128/mBio.01806-17
RICE	Lawas, Lovely Mae F., Wanju Shi, Mayumi Yoshimoto, Toshihiro Hasegawa, Dirk K. Hincha, Ellen Zuther, and SV Krishna Jagadish	Combined drought and heat stress impact during flowering and grain filling in contrasting rice cultivars grown under field conditions	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.09.009
RICE	Randrianjafizanaka M.T., Autfray P., Andrianaivo A.-P., Ratsimiala Ramonta I., Rodenburg J.	Combined effects of cover crops, mulch, zero-tillage and resistant varieties on Striga asiatica (L.) Kuntze in rice-maize rotation systems	Agriculture, Ecosystems and Environment	No	Yes	https://doi.org/10.1016/i.agee.2017.12.005
RICE	Yelome OI, Audenaert K, Landschoot S, Dansi A, Vanhove W, Silué D, Van Damme P, Haesaert G.	Combining high yields and blast resistance in rice (<i>Oryza</i> spp.): A screening under upland and lowland conditions in Benin	Sustainability	Yes	Yes	https://doi.org/10.3390/su10072500
RICE	Nandana, Rajiv, V. Singh, S. S. Singh, Virender Kumar, K. K. Hazra, C. P. Nath, S. P. Poonia, R. K. Malik	Comparative assessment of the relative proportion of weed morphology, diversity, and growth under new generation tillage and crop establishment techniques in rice-based cropping systems	Crop Protection	No	Yes	https://doi.org/10.1016/j.cropro.2018.04.021
RICE	Yuan, Zhengjie, Yu Zhang, Guojuan Xu, Dongling Bi, Haiyan Qu, Xiaowei Zou, Xiaoqing Gao, Haihe Yang, Haiyan He, Xuli Wang, Jiandong Bao, Shimin Zuo, Xuebiao Pan, Bo Zhou, Guo-Liang Wang, Shaohong Qu	Comparative transcriptome analysis of Rhizoctonia solani-resistant and -susceptible rice cultivars reveals the importance of pathogen recognition and active immune responses in host resistance	Journal of Plant Pathology	No	Yes	https://doi.org/10.1007/s12374-017-0209-6
RICE	Yamamoto, Naoki, Richard Garcia, Tomohiro Suzuki, Celymar Angela Solis, Yuichi Tada, Ramaiah Venuprasad, Ajay Kohli	Comparative whole genome re-sequencing analysis in upland New Rice for Africa: insights into the breeding history and respective genome compositions	Rice	Yes	Yes	https://doi.org/10.1186/s12284-018-0224-3
RICE	Alam, M. Jahangir, E. Humphreys, M. A. R. Sarkar, Sudhir-Yadav	Comparison of dry seeded and puddled transplanted rainy season rice on the High Ganges River Floodplain of Bangladesh	European Journal of Agronomy	No	Yes	https://doi.org/10.1016/j.eja.2018.03.006
RICE	Galeng-Lawilao, Judith, Arvind Kumar, Ma. Teodora Nadong Cabasan, Dirk De Waele	Comparison of the penetration, development and reproduction of Meloidogyne graminicola, and analysis of lignin and total phenolic content in partially resistant and resistant recombinant inbred lines of <i>Oryza sativa</i>	Tropical Plant Pathology	No	Yes	https://doi.org/10.1007/s40858-018-0267-4
RICE	Monat C, Tranchant-Dubreuil C, Engelen S, Labadie K, Paradis E, Tando N, Sabot F	Comparison of two African rice species through a new pan-genomic approach on massive data	bioRxiv	Yes	No	https://doi.org/10.1101/245431

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RICE	Savary, Serge, Andrew D. Nelson, Annika Djurle, Paul D. Esker, Adam Sparks, Lilian Amorim, Armando Bergamin Filho, Tito Caffi, Nancy Castilla, Karen Garrett, Neil McRoberts, Vittorio Rossi, Jonathan Yuen, Laetitia Willocquet	Concepts, approaches, and avenues for modelling crop health and crop losses	European Journal of Agronomy	No	Yes	https://doi.org/10.1016/j.eja.2018.04.003
RICE	Barrera, N. F., Melgarejo, L. M., Cruz-Gallego, M., Cortés, L. J., Guzmán, F., & Calvo, J. C.	Conformationally Restricted Peptides from Rice Proteins Elicit Antibodies That Recognize the Corresponding Native Protein in ELISA Assays	Molecules	Yes	Yes	https://doi.org/10.3390/molecules23092262
RICE	Olivier Husson, Alexandre Brunet, Daniel Babre, Hubert Charpentier, Michel Durande, Jean-Pierre Sarthou	Conservation Agriculture systems alter the electrical characteristics (Eh, pH and EC) of four soil types in France	SOIL & TILLAGE RESEARCH	No	Yes	https://doi.org/10.1016/j.still.2017.11.005
RICE	My, Nguyen H. D., Ellen J. Van Loo, Pieter Rutsaert, Tran Huu Tuan, Wim Verbeke	Consumer valuation of quality rice attributes in a developing economy: Evidence from a choice experiment in Vietnam	British Food Journal	No	Yes	https://doi.org/10.1108/BFJ-05-2017-0277
RICE	Mgendi G.S., Mujawamariya G., Isinika A.C.	Consumers' preference and market segmentation in developing countries: Rice marketing in Tanzania	Retail and Marketing Review	No	Yes	https://hdl.handle.net/10520/EJC-1236ac700f
RICE	Mishra, Ashok K., Saleem Shaik, Aditya R. Khanal, Subir Bairagi	Contract farming and technical efficiency: evidence from low-value and high-value crops in Nepal	Agribusiness	No	Yes	https://doi.org/10.1002/agr.21533
RICE	Haut J, Toure A, Tanaka A and Amadji G.	Critical nitrogen dilution curve and nitrogen nutrition index for jute mallow (Corchorus Olitorius L.) in southern Benin	Experimental Agriculture	Yes	Yes	https://doi.org/10.1017/S0014479717000230
RICE	Rajiv Nandan, S. S. Singh, V. Kumar, V. Singh, K. K. Hazra, C. P. Nath, R. K. Malik, S. P. Poonia, Ch. Hemant Solanki	Crop establishment with conservation tillage and crop residue retention in rice-based cropping systems of Eastern India: yield advantage and economic benefit	Paddy and Water Environment	No	Yes	https://doi.org/10.1007/s10333-018-0641-3
RICE	Pérez-Quintero AL, Lamy L, Zarate CA, Cunnac S, Doyle E, Bogdanove A, Szurek B, Dereeper A	daTALbase: A Database for Genomic and Transcriptomic Data Related to TAL Effectors	Mol Plant Microbe Interact.	Yes	No	https://doi.org/10.1094/MPMI-06-17-0153-FI
RICE	Misra, Gopal, Saurabh Badoni, Cyril J. Domingo, Rosa P. Cuevas, Cindy Llorente, Edwige G. Mbanjo and Nese Sreenivasulu	Deciphering the genetic architecture of cooked rice texture	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01405
RICE	Lafarge T, Bueno C	Deciphering the lower performance of hybrids compared to inbreds within non-early maturity groups for the improvement of breeding programs	Proceedings of the 5th International Rice Congress, Singapore	No	No	http://agritrop.cirad.fr/590500/
RICE	Radanielson, Ando M., Olivyn Angeles, Tao Li, Abdelbagi M. Ismail, and Donald S. Gaydon	Describing the physiological responses of different rice genotypes to salt stress using sigmoid and piecewise linear functions (with Corrigendum)	Field Crops Research	Yes	Yes	https://doi.org/10.1016/j.fcr.2017.05.001
RICE	Temple L, Nlend Nkott L, J-M. Sourisseau,	Déterminants politique de l'innovation varétale	Proceedings Colloque SFER politiques agricoles	No	No	https://agritrop.cirad.fr/590155/1/C35_Temple.pdf
RICE	Bado, V.B., Djaman, K. & Mel, V.C	Developing fertilizer recommendations for rice in Sub-Saharan Africa, achievements and opportunities	Paddy and Water Environment	No	Yes	https://doi.org/10.1007/s10333-018-0649-8

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RICE	Suk-Man Kim, Russell Reinke, Bo-Kyeong Kim	Developing japonica rice introgression lines with multiple resistance genes for brown planthopper, bacterial blight, rice blast, and rice stripe virus using molecular breeding	Molecular Genetics and Genomics	No	Yes	https://doi.org/10.1007/s00438-018-1470-1
RICE	Hung, Nguyen Van, Romualdo Martinez, Tran Van Tuan and Martin Gummert	Development and verification of a simulation model for paddy drying with different flatbed dryers	Plant Production Science	Yes	Yes	https://doi.org/10.1080/1343943X.2018.1518723
RICE	Ballesfin, Ma. LaRue E., Ricky B. Vinarao, Janice Sapin, Sung-Ryul Kim and Kshirod K. Jena	Development of an intergeneric hybrid between <i>Oryza sativa</i> L. and <i>Leersia perrieri</i> (A. Camus) Launert	Breeding Science	Yes	Yes	https://doi.org/10.1270/jsbbs.18045
RICE	Rumanti, Indrastuti A., Aris Hairmansis, Yudhistira Nugraha, Nafisah, Untung Susanto, Putu Wardana, Rudi E. Subandiono, Zulkifli Zaini, Hasil Sembiring, Nasreen I. Khan, Rakesh K. Singh, David E. Johnson, Alexander M. Stuart, Yoichiro Kato	Development of tolerant rice varieties for stress-prone ecosystems in the coastal deltas of Indonesia	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.04.006
RICE	Sester S, Raveloson H, Tharreau D, Becquer T	Difference in blast development in upland rice grown on an Andosol vs a Ferralsol	Crop protection	Yes	Yes	https://doi.org/10.1016/j.cropro.2018.09.010
RICE	Islam, Mofijul S. M., Yam Kanta Gaihre, Jatish Chandra Biswas, Md. Sarwar Jahan, Upendra Singh, Sanjoy Kumar Adhikary, M. Abdus Satter, M.A. Saleque	Different nitrogen rates and methods of application for dry season rice cultivation with alternate wetting and drying irrigation: Fate of nitrogen and grain yield	Agricultural Water Management	No	Yes	https://doi.org/10.1016/j.agwat.2017.11.002
RICE	Kretzschmar, Tobias, Edwige Gaby Nkouaya Mbanjo, Grace Angelique Magalit, Maria Stefanie Dwiyantri, Muhammad Ashrafal Habib, Maria Genaleen Diaz, Jose Hernandez, Zenaida Huelgas, Maria Luz Malabayabas, Subrata Kumar Das and Takashi Yamano	DNA fingerprinting at farm level maps rice biodiversity across Bangladesh and reveals regional varietal preferences	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-33080-z
RICE	Joachim H. Spangenberg, K. L. Heong, Anika Klotzbücher, Thimo Klotzbücher, Quynh Anh Nguyen, Vera Tekken, Dao Thanh Truong, Manfred Türke, Josef Settele	Doing what with whom? Stakeholder analysis in a large transdisciplinary research project in South-East Asia	Paddy and Water Environment	Yes	Yes	https://doi.org/10.1007/s10333-018-0634-2
RICE	Olukayode, Toluwase Oluwafemi, Berlaïne Quime, Yin-Chi Shen, Mary Jeanie Yanoria, Suobing Zhang, Jianyuan Yang, Xiaoyuan Zhu, Wei-Chiang Shen, Andreas von Tiedemann and Bo Zhou	Dynamic insertion of Pot3 in AvrPib prevailing in a field rice blast population in the Philippines led to the high virulence frequency against the resistance gene Pib in rice	Phytopathology	No	Yes	https://doi.org/10.1094/PHYTO-06-18-0198-R
RICE	Djagba JF, Zwart SJ, Houssou C, Tenté BHA, Kiepe P.	Ecological sustainability and environmental risks of agricultural intensification in inland valleys in Benin.	Environment, Development and Sustainability	No	Yes	https://doi.org/10.1007/s10668-018-0107-1
RICE	Yeboah-Awudzi M, Lutterodt HE, Kyereh E, Reyes V, Sathivel S, Manful J and King JM	Effect of bambara groundnut supplementation on the physicochemical properties of rice flour and crackers	Journal of Food Science and Technology	No	Yes	https://doi.org/10.1007/s13197-018-3281-0
RICE	Djaman K, Mel VC, Diop L, Sow A, El-Namaky R, Manneh B, Saito K, Futakuchi K, and Irmak S	Effects of Alternate Wetting and Drying Irrigation Regime and Nitrogen Fertilizer on Yield and Nitrogen Use Efficiency of Irrigated Rice in the Sahel	Water	Yes	Yes	https://doi.org/10.3390/w10060711

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RICE	Sibayan, Evangeline B., Kristine Samoy-Pascual, Filomena S. Grospe, Mark Everson D. Casil, Takeshi Tokida, Agnes T. Padre, Kazunori Minamikawa	Effects of alternate wetting and drying technique on greenhouse gas emissions from irrigated rice paddy in Central Luzon, Philippines	Soil Science and Plant Nutrition	Yes	Yes	https://doi.org/10.1080/00380768.2017.1401906
RICE	Wells, Naomi S., Tim J. Clough, Sarah E. Johnson-Beebout, Bo Elberling, W. Troy Baisden	Effects of denitrification and transport on the isotopic composition of nitrate (delta O-18, delta N-15) in freshwater systems	Science of the Total Environment	No	Yes	https://doi.org/10.1016/j.scitotenv.2018.10.065
RICE	Cabasan, Ma. Teodora Nadong, Arvind Kumar, and Dirk De Waele	Effects of initial nematode population density and water regime on resistance and tolerance to the rice root-knot nematode Meloidogyne graminicola in African and Asian rice genotypes	International Journal of Pest Management	No	Yes	https://doi.org/10.1080/09670874.2017.1390623
RICE	Tran TT, Doucouré H, Hutin M, Jaimes Niño LM, Szurek B, Cunnac S, Koebnik R.	Efficient enrichment cloning of TAL effector genes from Xanthomonas	MethodsX	Yes	No	https://doi.org/10.1016/j.mex.2018.08.014
RICE	Martine Bes, Leo Herbert, Thibault Mounier, Anne-Cécile Meunier, Franz Durandet, Emmanuel Guiderdoni, Christophe Périn	Efficient genome editing in rice protoplasts using CRISPR/CAS9 construct	Methods in Molecular Biology	Yes	No	https://doi.org/10.3390/ijms20051155
RICE	Vu, Quynh, Angelee F. Ramal, James M. Villegas, Alexandra Jamoralin, Carmencita C. Bernal, John M. Pasang, Maria Liberty P. Almazan, Daniel Ramp, Josef Settele, Finbarr G. Horgan	Enhancing the parasitism of insect herbivores through diversification of habitat in Philippine rice fields	Paddy and Water Environment	No	Yes	https://doi.org/10.1007/s10333-018-0662-y
RICE	Marengo M, Amoah I, Carpen A, Benedetti S, Zanoletti M, Buratti S, Lutterodt HE, Johnson PNT, Manful J, Marti A, Bonomi F and Lametti S	Enriching gluten-free rice pasta with soybean and sweet potato flours	Journal of Food Science and Technology	No	Yes	https://doi.org/10.1007/s13197-018-3185-z
RICE	Nadimi-Goki, Mandana, Claudio Bini, Mohammad Wahsha, Yoichiro Kato, Flavio Fornasier	Enzyme dynamics in contaminated paddy soils under different cropping patterns (NE Italy)	Journal of Soils and Sediments	No	Yes	https://doi.org/10.1007/s11368-017-1830-1
RICE	Asgher, Mohd, M. Iqbal R. Khan, Naser A. Anjum, Susheel Verma, Dhiraj Vyas, Tasir S. Per, Asim Masood, Nafees A. Khan	Ethylene and polyamines in counteracting heavy metal phytotoxicity: a crosstalk perspective	Journal of Plant Growth Regulation	No	Yes	https://doi.org/10.1007/s00344-018-9823-x
RICE	Chidthaisong, Amnat, Nittaya Cha-un, Benjamas Rossopa, Chitnucha Buddaboon, Choosak Kunuthai, Patikorn Sriphirom, Sirintornthep Towprayoon, Takeshi Tokida, Agnes T. Padre, Kazunori Minamikawa	Evaluating the effects of alternate wetting and drying (AWD) on methane and nitrous oxide emissions from a paddy field in Thailand	Soil Science and Plant Nutrition	Yes	Yes	https://doi.org/10.1080/00380768.2017.1399044
RICE	Ikmal, Asmuni Mohd, Zainuddin Nurasyikin, Arvind Kumar, Abd Aziz Shamsudin Noraziyah	Evaluation of morpho-physiological traits of MRQ74 pyramided lines with drought yield QTLs	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2178-3
RICE	Cabasan, Ma. Teodora Nadong, Arvind Kumar, Dirk De Waele	Evaluation of resistance and tolerance of rice genotypes from crosses of Oryza glaberrima and O. sativa to the rice root-knot nematode, Meloidogyne graminicola	Tropical Plant Pathology	No	Yes	https://doi.org/10.1007/s40858-018-0210-8
RICE	Koudahe K, Djaman K and Adewumi JK	Evaluation of the Penman–Monteith reference evapotranspiration under limited data and its sensitivity to key climatic variables under humid and semiarid conditions	Modeling Earth Systems and Environment	No	Yes	https://doi.org/10.1007/s40808-018-0497-y

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RICE	Ali, Jauhar, Muhammad U. Aslam, Rida Tariq, Varunseelan Murugaiyan, Patrick Schnable, Delin Li, Corinne M. Nazarea, Jose Hernandez, Muhammad Arif, Jianlong Xu and Zhikang Li	Exploiting the genomic diversity of rice (<i>Oryza sativa</i> L.): SNP-typing in 11 early-backcross introgression breeding populations	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00849
RICE	Yelome Ol, Audenaert K, Landschoot S, Dansi A, Vanhove W, Silue D, Van Damme P, Haesaert G.	Exploring genetic diversity and disease response of cultivated rice accessions (<i>Oryza</i> spp.) against <i>Pyricularia oryzae</i> under rainfed upland conditions in Benin	Genetic Resources and Crop Evolution	No	Yes	https://doi.org/10.1007/s10722-018-0638-1
RICE	JOHNSON, JEAN-MARTIAL and RODENBURG, JONNE and TANAKA, ATSUKO and SENTHILKUMAR, KALIMUTHU and AHOQUANTON, KOKOU and DIENG, IBNOU and KLOTOE, AGOSSOU and AKAKPO, CYRIAQUE and SEGDA, ZACHARIE and YAMEOGO, LOUIS P. and GBAKATCHETCHE, HENRI and ACHEAMPONG, GEORGE K. and BAM, RALPH K. and BAKARE, OLADELE S. and KALISA, ALAIN and GASORE, ELIE R. and ANI, SÉKOU and ABLEDE, KOMLAN and SAITO, KAZUKI	Farmers' perceptions on mechanical weeder for rice production in sub-Saharan Africa	Experimental Agriculture	No	Yes	https://doi.org/10.1017/S001447971700059X
RICE	Paresys L, Saito K, Malézieux E, Dogliotti S, Huat J, Kropff MJ, and Rossing WAH	Feeding the world while decreasing farmers' poverty? A yield and labour productivity gaps analysis on rice fields in two villages of Benin	European Journal of Agronomy	No	Yes	http://doi.org/10.1016/j.eja.2017.10.009
RICE	Onaga, G., Murori, R., Habarugira, G., Nyongesa, O., Bigirimana, J., Oliva, R., Vera Cruz, C., Onyangco, G., Andaku, J., Ongom, J.	First report of <i>Xanthomonas oryzae</i> pv. <i>oryzicola</i> causing bacterial leaf streak of rice in Kenya	Plant Disease	Yes	Yes	https://doi.org/10.1094/PDIS-06-17-0846-PDN
RICE	Acevedo, Miguel F., David R. Harvey, Florencia G. Palis	Food security and the environment: Interdisciplinary research to increase productivity while exercising environmental conservation	Global Food Security-Agriculture Policy Economics and Environment	No	Yes	https://doi.org/10.1016/j.gfs.2018.01.001
RICE	Tran TT, Pérez-Quintero AL, Wonni I, Carpenter SCD, Yu Y, Wang L, Leach JE, Verdier V, Cunnac S, Bogdanove AJ, Koebnik R, Hutin M, Szurek B	Functional analysis of African <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> TALomes reveals a new susceptibility gene in bacterial leaf blight of rice	PLoS Pathog	Yes	Yes	https://doi.org/10.1371/journal.ppat.1007092
RICE	Doucouré H, Pérez-Quintero AL, Reshetnyak G, Tekete C, Auguy F, Thomas E, Koebnik R, Szurek B, Koita O, Verdier V, Cunnac S	Functional and Genome Sequence-Driven Characterization of tal Effector Gene Repertoires Reveals Novel Variants With Altered Specificities in Closely Related Malian <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Strains	Front Microbiol	Yes	Yes	https://doi.org/10.3389/fmicb.2018.01657
RICE	Whitehouse, Katherine J., Olorunnisola F. Owoborode, Olufemi O. Adebayo, Olaniyi A. Oyatomi, Amudalat B. Olaniyan, Michael T. Abberton, and Fiona R. Hay	Further evidence that the genebank standards for drying orthodox seeds may not be optimal for subsequent seed longevity	Biopreservation and Biobanking	Yes	Yes	https://doi.org/10.1089/bio.2018.0026
RICE	Feng, Bo, Kai Chen, Yanru Cui, Zhichao Wu, Tianqing Zheng, Yajun Zhu, Jauhar Ali, Bingbing Wang, Jianlong Xu, Wenzhong Zhang and Zhikang Li	Genetic dissection and simultaneous improvement of drought and low nitrogen tolerances by designed QTL pyramiding in rice	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00306
RICE	Fujita, Daisuke, Yohei Koide, and Nobuya Kobayashi	Genetic dissection of agronomic traits in introgression lines and improvement of an elite Indica rice variety	JARQ-Japan Agricultural Research Quarterly	Yes	Yes	https://doi.org/10.6090/jarq.52.91

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RICE	Bah S, Labuschagne MT and van der Merwe R.	Genetic diversity of improved varieties of intraspecific (O. sativa and O. glaberrima) and interspecific (O. sativa × O. glaberrima) rice	GENETIC RESOURCES AND CROP EVOLUTION	No	Yes	https://doi.org/10.1007/s10722-017-0573-6
RICE	Venske, Eduardo, Cássia Fernanda Stafen, Victoria Freitas de Oliveira, Luciano Carlos da Maia, Ariano Martins de Magalhães Junior, Kenneth L. McNally, Antonio Costa de Oliveira, Camila Pegoraro	Genetic diversity, linkage disequilibrium, and population structure in a panel of Brazilian rice accessions	Journal of Applied Genetics	No	Yes	https://doi.org/10.1007/s13533-018-0475-0
RICE	Lee, Jeom-Sig, Gideon Torollo, Alexis Ndayiragije, Jean Berchmans Bizimana, Il-Ryong Choi, Alaine Gulles, Un-Sang Yeo, O-Young Jeong, Shoba Venkatanagappa, Bo-Kyeong Kim	Genetic relationship of tropical region-bred temperate japonica rice (Oryza sativa) plants and their grain yield variations in three different tropical environments	Plant Breeding	Yes	Yes	https://doi.org/10.1111/pbr.12646
RICE	Joshua C. Stein, Yeisoo Yu, Dario Copetti, Derrick J. Zwickl, Li Zhang, Chengjun Zhang, Kapeel Chougule, Dongying Gao, Aiko Iwata, Jose Luis Goicoechea, Sharon Wei, Jun Wang, Yi Liao, Muhua Wang, Julie Jacquemin, et al.	Genomes of 13 domesticated and wild rice relatives highlight genetic conservation, turnover and innovation across the genus Oryza	Nature genetics	Yes	Yes	https://doi.org/10.1038/s41588-018-0040-0
RICE	Wang, Fanmiao, Toshisangba Longkumer, Sheryl C. Catausan, Carla Lenore F. Calumpang, Jeshurun A. Tarun, Jerome Cattin-Ortola, Takuma Ishizaki, Juan Pariasca Tanaka, Terry Rose, Matthias Wissuwa, Tobias Kretzschmar	Genome-wide association and gene validation studies for early root vigour to improve direct seeding of rice	Plant Cell and Environment	No	Yes	https://doi.org/10.1111/pce.13400
RICE	Descalsota, Gwen Iris L., Mallikarjuna Swamy, Hein Zaw, Mary Ann Asilo, Amery Amparado, Ramil P. Mauleon, Prabhjit K. Chadha-Mohanty, Emily C. Arocena, Chitra Raghavan, Hei Leung, Jose E. Hernandez, Antonio B. Lalusin, Merlyn S. Mendiolo, Ma. Genaleen Q. Diaz and Russell Reinke	Genome-wide association mapping in a rice MAGIC Plus population detects QTLs and genes useful for biofortification	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01347
RICE	Kadam N.N., Struik P.C., Rebolledo M.C., Yin X., Jagadish K.S.V.	Genome-wide association reveals novel genomic loci controlling rice grain yield and its component traits under water-deficit stress during the reproductive stage	Journal of Experimental Botany	Yes	Yes	https://doi.org/10.1093/jxb/ery186
RICE	Batayeva, Dariga, Benedick Labaco, Changrong Ye, Xiaolin Li, Bakdaulet Usenbekov, Aiman Rysbekova, Gulzhamal Dyuskalieva, Georgina Vergara, Russell Reinke, and Hei Leung	Genome-wide association study of seedling stage salinity tolerance in temperate japonica rice germplasm	BMC Genetics	Yes	Yes	https://doi.org/10.1186/s12863-017-0590-7
RICE	Ben Hassen M, Bartholomé J, Valè G, Cao T-V, Ahmadi N	Genomic Prediction Accounting for Genotype by Environment Interaction Offers an Effective Framework for Breeding Simultaneously for Adaptation to an Abiotic Stress and Performance Under Normal Cropping Conditions in Rice	Genes, Genomes, Genomics	Yes	Yes	https://doi.org/10.1534/g3.118.200098
RICE	Frouin J, Labeyrie A, Boissard A, Attilio Sacchi G, Ahmadi N	Genomic prediction offers the most effective marker assisted breeding approach for ability to prevent arsenic accumulation in rice grains	BioRxiv	Yes	No	http://doi.org/10.1101/452276
RICE	Haile, Jemanesh K., Amidou N'Diaye, Fran Clarke, John Clarke, Ron Knox, Jessica Rutkoski, Filippo M. Bassi, Curtis J. Pozniak	Genomic selection for grain yield and quality traits in durum wheat	Molecular Breeding	No	Yes	https://doi.org/10.1007/s11032-018-0818-x

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RICE	Sempéré G, Pétel A, Rouard M, Frouin J, Hueber Y, De Bellis F, Larmande P	Gigwa v2 – Extended and improved genotype investigator	GigaScience (submitted)	Yes	Yes	https://doi.org/10.1093/gigascience/giz051
RICE	Lenaerts, Bert, Yann de Mey, Matty Demont	Global impact of accelerated plant breeding: Evidence from a meta-analysis on rice breeding	PLoS One	Yes	Yes	https://doi.org/10.1371/journal.pone.0199016
RICE	Bairagi, Subir, Ashok K. Mishra and Anil Giri	Good agricultural practices, farm performance, and input usage by smallholders: Empirical evidence from Nepal	Agribusiness	No	Yes	https://doi.org/10.1002/agr.21577
RICE	Abdalla, Khatab, Macdex Mutema, Pauline Chivenge, Colin Everson, Vincent Chaplot	Grassland degradation significantly enhances soil CO2 emission	Catena	No	Yes	https://doi.org/10.1016/j.catena.2018.05.010
RICE	Janz, Baldur, Sebastian Weller, David Kraus, Heathcliff S. Racela, Reiner Wassmann, Klaus Butterbach-Bahl, Ralf Kiese	Greenhouse gas footprint of diversifying rice cropping systems: Impacts of water regime and organic amendments	Agriculture, Ecosystems and Environment	No	Yes	https://doi.org/10.1016/j.agee.2018.10.011
RICE	Mahindawansha, Amani, Lutz Breuer, Alejandro Chamorro and Philipp Kraft	High-frequency water isotopic analysis using an automatic water sampling system in rice-based cropping systems	Water	Yes	Yes	https://doi.org/10.3390/w10101327
RICE	Timple, Stephen E., and Fiona R. Hay	High-temperature drying of seeds of wild Oryza species intended for long-term storage	Seed Science and Technology	Yes	Yes	https://doi.org/10.15258/sst.2018.46.1.10
RICE	Coe, Robert A., Jolly Chatterjee, Kelvin Acebron, Jacqueline Dionora, Reychele Mogul, HsiangChun Lin, Xiaojia Yin, Anindya Bandyopadhyay, Xavier R. R. Sirault, Robert T. Furbank and W. Paul Quick	High-throughput chlorophyll fluorescence screening of Setaria viridis for mutants with altered CO2 compensation points	Functional Plant Biology	No	Yes	https://doi.org/10.1071/FP17322
RICE	Marin, Diego; Orrego-Varon, Mayra; Yanez, Fernando; Mendoza, Luis; Garcia, Maria Alejandra; Twyman, Jennifer; Andrade, Robert; Labarta, Ricardo	Household survey data of adoption of improved varieties and management practices in rice production, Ecuador	Rice	Yes	Yes	https://doi.org/10.1016/j.dib.2018.04.019
RICE	Hébrard E, Pinel-Galzi A, Oludare A, Poulicard N, Aribi J, Fabre S, Issaka S, Mariac C, Dereeper A, Albar L, Silué D and Fargette D	Identification of a hypervirulent pathotype of Rice yellow mottle virus: A threat to genetic resistance deployment in West-Central Africa	Phytopathology	Yes	Yes	https://doi.org/10.1094/PHYTO-05-17-0190-R
RICE	Mallikarjuna Swamy, B. P., Gwen Iris L. Descalsota, Chau Thanh Nha, Amery Amparado, Mary Ann Inabangan-Asilo, Christine Manito, Frances Tesoro, Russell Reinke	Identification of genomic regions associated with agronomic and biofortification traits in DH populations of rice	PLoS One	Yes	Yes	https://doi.org/10.1371/journal.pone.0201756
RICE	Cruz-Gallego, M., Rebolledo, M.C., Cuasquer, J.B., Cruz-Galvis, D.F., Peña-Fernández, A.L., Quintero, C., Silva-Córdoba, E.A., Álvarez, M.F., Jojoa-Cruz, S., Lorieux, M., Stuart, J.J., Correa, F.	Identification of new sources of resistance to RHBV-Rice hoja blanca virus	Acta Agronómica	Yes	No	https://doi.org/10.15446/acag.v67n2.61334
RICE	Kim, Suk-Man	Identification of novel recessive gene xa44(t) conferring resistance to bacterial blight races in rice by QTL linkage analysis using an SNP chip	Theoretical and Applied Genetics	Yes	Yes	https://doi.org/10.1007/s00122-018-3187-2
RICE	Kim, Suk-Man, and Russell F. Reinke	Identification of QTLs for tolerance to hypoxia during germination in rice	Euphytica	Yes	Yes	https://doi.org/10.1007/s10681-018-2238-8
RICE	Mishra, Ashok K., Subir Bairagi, Maria Lourdes Velasco, Samarendu Mohanty	Impact of access to capital and abiotic stress on production efficiency: Evidence from rice farming in Cambodia	Land Use Policy	No	Yes	https://doi.org/10.1016/j.landusepol.2018.08.016

CRP	AUTHOR	TITLE	JOURNAL TITLE	OA	ISI	DOI
RICE	Bhandari, Humnath, Ashok Kumar Mishra	Impact of demographic transformation on future rice farming in Asia	Outlook on Agriculture	No	Yes	https://doi.org/10.1177/0030727018769676
RICE	Tran, Dang Hoa, Trong Nghia Hoang, Takeshi Tokida, Agnes Tirol-Padre and Kazunori Minamikawa	Impacts of alternate wetting and drying on greenhouse gas emission from paddy field in Central Vietnam	Soil Science and Plant Nutrition	Yes	Yes	https://doi.org/10.1080/00380768.2017.1409601
RICE	Duku C, Zwart SJ, Hein L	Impacts of climate change on cropping patterns in a tropical, sub-humid watershed	PLOS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0192642
RICE	Van Oort P, Zwart SJ	Impacts of climate change on rice production in Africa and causes of simulated yield changes	Global Change Biology	Yes	Yes	https://doi.org/10.1111/gcb.13967
RICE	Banayo, Nino P. M., Ranee C. Mabesa-Telosa, Sudhanshu Singh and Yoichiro Kato	Improved early season management of sub1 rice varieties enhances post-submergence recovery and yield	Experimental Agriculture	No	Yes	https://doi.org/10.1017/S0014479717000588
RICE	Hung, Nguyen Van, Reianne Quilloy, and Martin Gummert	Improving energy efficiency and developing an air-cooled grate for the downdraft rice husk furnace	Renewable Energy	Yes	Yes	https://doi.org/10.1016/j.renene.2017.09.012
RICE	Lafarge T, Bueno C, Adriani DE, Mohapatra P	Improving sink regulation as a promising option to increase yield potential	Proceedings of the 4th International Plant Physiology Congress, India	Yes	No	http://agritrop.cirad.fr/590502/
RICE	Senthilkumar, K., Tesha, B.J., Mghase, J., Rodenburg, J	Increasing paddy yields and improving farm management: results from participatory experiments with Good Agricultural Practices (GAP) in Tanzania	Paddy and Water Environment	Yes	Yes	https://doi.org/10.1007/s10333-018-0666-7
RICE	Pooniya, Vijay, Anil K. Choudhary, R. S. Bana, K. Sawarnalaxmi, Pankaj, D. S. Rana and M. M. Puniya	Influence of summer legume residue recycling and varietal diversification on productivity, energetics, and nutrient dynamics in basmati rice-wheat cropping system of western Indo-Gangetic Plains	Journal of Plant Nutrition	No	Yes	https://doi.org/10.1080/01904167.2018.1458868
RICE	Silva, João Vasco, Pytrik Reidsma, Ma. Lourdes Velasco, Alice G. Laborte, Martin K. van Ittersum	Intensification of rice-based farming systems in Central Luzon, Philippines: Constraints at field, farm and regional levels	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2018.05.008
RICE	Kim, Sung-Ryul; Ramos, Joie M; Hizon, Rona Joy M; Ashikari, Motoyuki; Virk, Parminder Singh; Torres, Edgar A; Nissila, Eero; Jena, Kshirod K.	Introgression of a functional epigenetic OsSPL14WFP allele into elite indica rice genomes greatly improved panicle traits and grain yield	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-21355-4
RICE	Rubianes, F. H. C., B. P. Mallikarjuna Swamy, and S. E. Johnson-Beebout	Irrigation management risks and Zn fertilization needs in Zn biofortification breeding in lowland rice	Experimental Agriculture	No	Yes	https://doi.org/10.1017/S0014479717000084
RICE	Nakano, Yuko, Takuji W. Tsusaka, Takeshi Aida, Valerien O. Pede	Is farmer-to-farmer extension effective? The impact of training on technology adoption and rice farming productivity in Tanzania	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2017.12.013
RICE	Per, Tasir S., Iqbal R. Khan, Naser A. Anjum, Asim Masood, Sofi J. Hussain, Nafees A. Khan	Jasmonates in plants under abiotic stresses: crosstalk with other phytohormones matters	Environmental and Experimental Botany	No	Yes	https://doi.org/10.1016/j.envexpbot.2017.11.004
RICE	Dominik, Christophe, Ralf Seppelt, Finbarr G. Horgan, Josef Settele, Tomáš Václavík	Landscape composition, configuration, and trophic interactions shape arthropod communities in rice agroecosystems	Journal of Applied Ecology	No	Yes	https://doi.org/10.1111/1365-2664.13226

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RICE	Olivier Husson, Alain Audebert, Jaroslav Benada, Brigitte Soglonou, Firmin Tano, Ibnou Dieng, Lydia Bousset, Jean-Pierre Sarthou, Stephen Joseph, Philippe Menozzi, Stéphane Boulakia, Koichi Futakuchi	Leaf Eh and pH: A Novel Indicator of Plant Stress. Spatial, Temporal and Genotypic Variability in Rice (<i>Oryza sativa</i> L.)	Agronomy	Yes	Yes	https://doi.org/10.3390/agronomy8100209
RICE	Zhao, Yan, Hongliang Zhang, Jianlong Xu, Conghui Jiang, Zhigang Yin, Haiyan Xiong, Jianyin Xie, Xueqiang Wang, Xiaoyang Zhu, Yang Li, Weipeng Zhao, Muhammad Abdul Rehman Rashid, Jinjie Li, Wensheng Wang, Binying Fu, Guoyou Ye, Yan Guo, Zhiqiang Hu, Zhikang Li, Zichao Li	Loci and natural alleles underlying robust roots and adaptive domestication of upland ecotype rice in aerobic conditions	PLoS Genetics	Yes	Yes	https://doi.org/10.1371/journal.pgen.1007521
RICE	Ohno, Hoshie, Niño P. M. C. Banayo, Crisanta S. Bueno, Jun-ichi Kashiwagi, Taiken Nakashima, Aurora M. Corales, Ricardo Garcia, Nitika Sandhu, Arvind Kumar, Yoichiro Kato	Longer mesocotyl contributes to quick seedling establishment, improved root anchorage, and early vigor of deep-sown rice	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.08.015
RICE	H. Raveloson, I. Ratsimiala Ramonta, D. Tharreau and M. Sester	Long-term survival of blast pathogen in infected rice residues as major source of primary inoculum in high altitude upland ecology	Plant Pathology	Yes	Yes	https://doi.org/10.1111/ppa.12790
RICE	Kim, Sung-Ryul, Gideon Torollo, Mi-Ra Yoon, Jieun Kwak, Choon-Ki Lee, G. D. Prahalada, Il-Ryong Choi, Un-Sang Yeo, O-Young Jeong, Kshirod Jena and Jeom-Sig Lee	Loss-of-function Alleles of Heading date 1 (Hd1) are Associated with Adaptation of Temperate Japonica Rice Plants to the Tropical Region	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01827
RICE	Van Oort P	Mapping abiotic stresses for rice in Africa: Drought, cold, iron toxicity, salinity and sodicity	Field Crops Research	Yes	Yes	https://doi.org/10.1016/j.fcr.2018.01.016
RICE	Pandian, Balaji Aravindhan, John Joel, Vishnu Varthini Nachimuthu, Manonmani Swaminathan, Ponnaiyah Govintharaj, Shalini Tannidi, Robin Sabariappan	Marker-aided selection and validation of various Pi gene combinations for rice blast resistance in elite rice variety ADT 43	Journal of Genetics	No	Yes	https://doi.org/10.1007/s12041-018-0988-7
RICE	Priyadarshi, Rahul, Hari P. S. Arremsetty, Akhilesh K. Singh, Durga Khandekar, Kandasamy Ulaganathan, Vinay Shenoy, Pallavi Sinha and Vikas K. Singh	Marker-assisted improvement of the elite maintainer line of rice, IR 58025B for wide compatibility (S5(n)) gene	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01051
RICE	Balachiranjeevi, C. H., Bhaskar S. Naik, Abhilash V. Kumar, G. Harika, Mahadev H. K. Swamy, Sk Hajira, Dilip T. Kumar, M. Anila, R. R. Kale, A. et al.	Marker-assisted pyramiding of two major, broad-spectrum bacterial blight resistance genes, Xa21 and Xa33 into an elite maintainer line of rice, DRR17B	PLoS One	Yes	Yes	https://doi.org/10.1371/journal.pone.0201271
RICE	Kumar, Arvind, Nitika Sandhu, Shalabh Dixit, Shailesh Yadav, B. P. M. Swamy, Noraziyah Abd Aziz Shamsudin	Marker-assisted selection strategy to pyramid two or more QTLs for quantitative trait-grain yield under drought	Rice	Yes	Yes	https://doi.org/10.1186/s12284-018-0227-0
RICE	Rashid, M. Harunur, Palash C. Goswami, Md. Faruk Hossain, Debabrata Mahalder, M. Khairul I. Rony, B. J. Shirazy, Timothy D. Russell	Mechanised non-puddled transplanting of boro rice following mustard conserves resources and enhances productivity	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.06.006
RICE	Zhu, Guanglong, Yutiao Chen, Evangelina S. Ella, Abdelbagi M. Ismail	Mechanisms associated with tiller suppression under stagnant flooding in rice	JOURNAL OF AGRONOMY AND CROP SCIENCE	No	Yes	https://doi.org/10.1111/jac.12316
RICE	Onyango D, Entila F, Dida M, Ismail AM, Dramé KN	Mechanistic understanding of iron toxicity tolerance in contrasting rice varieties from Africa: 1. Morpho-	Functional Plant Biology	Yes	Yes	https://doi.org/10.1071/FP18129

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		physiological and biochemical responses				
RICE	Bahuguna, R. N., A. Tamilselvan, R. Muthurajan, C. A. Solis, and S. V. K. Jagadish	Mild preflowering drought priming improves stress defences, assimilation and sink strength in rice under severe terminal drought	Functional Plant Biology	No	Yes	https://doi.org/10.1071/FP17248
RICE	Rebolledo M.C. (ed.), Ramirez-Villegas J. (ed.), Graterol-Matute E. (ed.), Hernández-Varela C.A. (ed.), Rodríguez-Espinoza J. (ed.), Petro-Páez E.E. (ed.), Pinzon S. (ed.), Heinemann A. (ed.), Rodríguez-Baide J.M. (ed.), Van Den Berg M. (ed.).	Modelación del arroz en Latinoamérica: Estado del arte y base de datos para parametrización	Luxembourg : Publications Office of the European Union	Yes	No	https://doi.org/10.2760/221399
RICE	Radanielson, A. M., D. S. Gaydon, T. Li, O. Angeles, C. H. Roth	Modeling salinity effect on rice growth and grain yield with ORYZA v3 and APSIM-Oryza	European Journal of Agronomy	Yes	Yes	https://doi.org/10.1016/j.eja.2018.01.015
RICE	Gabiri G, Burghof S, Diekkrüger B, Leemhuis C, Steinbach S and Näschen K	Modeling Spatial Soil Water Dynamics in a Tropical Floodplain, East Africa	Water	Yes	Yes	https://doi.org/10.3390/w10020191
RICE	Ali, Jauhar, Zilhas Ahmed Jewel, Anumalla Mahender, Annamalai Anandan, Jose Hernandez, and Zhikang Li	Molecular genetics and breeding for nutrient use efficiency in rice	International Journal of Molecular Sciences	Yes	Yes	https://doi.org/10.3390/ijms19061762
RICE	Hechanova, Sherry Lou, Manas R. Prusty, Sung-Ryul Kim, LaRue Ballesfin, Joie Ramos, G. D. Prahalada, Kshirod K. Jena	Monosomic alien addition lines (MAALs) of Oryza rhizomatis in Oryza sativa: production, cytology, alien trait introgression, molecular analysis and breeding application	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-018-3147-x
RICE	Tariq, Rida, Jauhar Ali, and Muhammad Arif	Morphological screening and SalTol region based SSR markers analysis of rice (Oryza sativa) genotypes for salinity tolerance at seedling stage	International Journal of Agriculture and Biology	Yes	Yes	https://www.semanticscholar.org/author/Rida-Tariq/50858773
RICE	Favreau B, Gaal C, Pereira de Lima I, Roques S, de Raissac M, Lafarge T	Multifactorial transcriptomic analysis and gene network approach revealed contrasted molecular patterns of two rice varieties submitted to controlled water deficit during the reproductive phase	Proceedings of the 5th International Rice Congress, Singapore	Yes	No	http://agritrop.cirad.fr/589349/
RICE	Danila, Florence R., William Paul, Quick, Rosemary G. White, Steven Kelly, Susanne von Caemmerer, Robert T. Furbank	Multiple mechanisms for enhanced plasmodesmata density in disparate subtypes of C-4 grasses	Journal of Experimental Botany	Yes	Yes	https://doi.org/10.1093/jxb/erx456
RICE	Cuevas, Rosa Paula O., Cyril John Domingo and Nese Sreenivasulu	Multivariate-based classification of predicting cooking quality ideotypes in rice (Oryza sativa L.) indica germplasm	Rice	Yes	Yes	https://doi.org/10.1186/s12284-018-0245-y
RICE	Xiong, Haiyan, Jianping Yu, Jinli Miao, Jinjie Li, Hongliang Zhang, Xin Wang, Pengli Liu, Yan Zhao, Conghui Jiang, Zhigang Yin, Yang Li, Yan Guo, Binying Fu, Wensheng Wang, Zhikang Li, Jauhar Ali, Zichao Li	Natural variation in OSLG3 increases drought tolerance in rice by inducing ROS scavenging	Plant Physiology	Yes	Yes	https://doi.org/10.1104/pp.17.01492
RICE	Zaka A, Grande G, Coronejo T, Quibod IL, Chen CW, Chang SJ, Szurek B, Arif M, Cruz CV, Oliva R.	Natural variations in the promoter of OsSWEET13 and OsSWEET14 expand the range of resistance against Xanthomonas oryzae pv. oryzae	PLoS One	Yes	Yes	https://doi.org/10.1371/journal.pone.0203711
RICE	Yamano, Takashi, Maria Luz Malabayabas, Md. Ashraful Habib, and Subrata Kumar Das	Neighbors follow early adopters under stress: Panel data analysis of submergence-tolerant rice in northern Bangladesh	Agricultural Economics	No	Yes	https://doi.org/10.1111/agec.12418

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RICE	Prusty, Manas R., Sung-Ryul Kim, Ricky Vinarao, Frederickson Entul, James Egdane, Maria Genaleen Diaz and Kshirod K. Jena	Newly identified wild rice accessions conferring high salt tolerance might use a tissue tolerance mechanism in leaf	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00417
RICE	Fuhrmann, Irabella, Yao He, Eva Lehnndorff, Nicolas Brüggemann, Wulf Amelung, Reiner Wassmann, Jan Siemens	Nitrogen fertilizer fate after introducing maize and upland-rice into continuous paddy rice cropping systems	Agriculture, Ecosystems and Environment	Yes	Yes	https://doi.org/10.1016/j.agee.2018.02.021
RICE	Islam, S. M. Mofijul, Yam Kanta Gaihre, Jatish Chandra Biswas, Upendra Singh, Md. Nayeem Ahmed, Joaquin Sanabria and M. A. Saleque	Nitrous oxide and nitric oxide emissions from lowland rice cultivation with urea deep placement and alternate wetting and drying irrigation	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-35939-7
RICE	Dar, Manzoor H., Najam W. Zaidi, Showkat A. Waza, Satish B. Verulkar, T. Ahmed, P. K. Singh, S. K. Bardhan Roy, Bedanand Chaudhary, Rambaran Yadav, Mirza Mofazzal Islam, Khandakar M. Iftekharuddaula, J. K. Roy, R. M. Kathiresan, B. N. Singh, Uma S. Singh and Abdelbagi M. Ismail	No yield penalty under favorable conditions paving the way for successful adoption of flood tolerant rice	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-27648-y
RICE	Macovei, Anca, Neah Rosandra Sevilla, Christian Cantos, Gilda Jonson, Inez Slamet-Loedin, Tomáš Čermák, Dan Voytas, Il-Ryong Choi, Prabhjit Chadha-Mohanty	Novel alleles of rice eIF4G generated by CRISPR/Cas9-targeted mutagenesis confer resistance to Rice tungro spherical virus	Plant Biotechnology Journal	Yes	Yes	https://doi.org/10.1111/pbi.12927
RICE	Jian, Shaofen, Qiong Liao, Haixing Song, Qiang Liu, Joe Eugene Lepo, Chunyun Guan, Jianhua Zhang, Abdelbagi M. Ismail, and Zhenhua Zhang	NRT1.1-related NH4+ toxicity is associated with a disturbed balance between NH4+ uptake and assimilation	Plant Physiology	Yes	Yes	https://doi.org/10.1104/pp.18.00410
RICE	Ohno, Hoshie, Niño P. M. C. Banayo, Crisanta Bueno, Jun-ichi Kashiwagi, Taiken Nakashima, Kazuto Iwama, Aurora M. Corales, Ricardo Garcia, Yoichiro Kato	On-farm assessment of a new early-maturing drought-tolerant rice cultivar for dry direct seeding in rainfed lowlands	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.02.005
RICE	Stuart, Alexander M., Krishna P. Devkota, Takahiro Sato, Anny Ruth P. Pame, Carlito Balingbing, Nguyen Thi My Phung, Nguyen Thi Kieu, Pham Thi Minh Hieu, Tran Hai Long, Sarah Beebout, Grant R. Singleton	On-farm assessment of different rice crop management practices in the Mekong Delta, Vietnam, using sustainability performance indicators	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.10.001
RICE	Banayo, Niño P.M.C., Stephan M. Haefele, Nenita V. Desamero, Yoichiro Kato	On-farm assessment of site-specific nutrient management for rainfed lowland rice in the Philippines	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.09.011
RICE	Chamara, Buddhika S., Buddhi Marambe, Virender Kumar, Abdelbagi M. Ismail, Endang M. Septiningsih and Bhagirath S. Chauhan	Optimizing sowing and flooding depth for anaerobic germination-tolerant genotypes to enhance crop establishment, early growth, and weed management in dry-seeded rice (<i>Oryza sativa</i> L.)	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01654
RICE	Lafarge T, Muller B, Dingkuhn M, Rebolledo, MC	Outline of the rice antennas initiative of the CGIAR Research Program on Rice: an overview and components for a global modelling exercise	Proceedings of the 5th International Rice Congress, Singapore	Yes	No	http://agritrop.cirad.fr/590501/
RICE	Luo, Bingbing, Jingguang Chen, Longlong Zhu, Shuhua Liu, Bin, Li, Hong Lu, Guoyou Ye, Guohua Xu, Xiaorong Fan	Overexpression of a high-affinity nitrate transporter OsNRT2.1 increases yield and manganese accumulation in rice under alternating wet and dry condition	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01192

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RICE	Burman, D., B. Maji, Sudhanshu Singh, Subhasis Mandal, Sukanta K. Sarangi, B. K. Bandyopadhyay, A. R. Bal, D. K. Sharma, S. L. Krishnamurthy, H.N. Singh, A. S. delos Reyes, D. Villanueva, T. Paris, U. S. Singh, S. M. Haeefe, Abdelbagi M. Ismail	Participatory evaluation guides the development and selection of farmers' preferred rice varieties for salt- and flood-affected coastal deltas of South and Southeast Asia	Field Crops Research	Yes	Yes	https://doi.org/10.1016/j.fcr.2017.03.009
RICE	Samson, Benjamin K., Singtty Voradeth, Shilai Zhang, Dayun Tao, Sisavanh Xayavong, Thiravong Khammone, Khamsouk Douangboupah, et al.	Performance and survival of perennial rice derivatives (Oryza sativa L./Oryza longistaminata) in Lao PDR	Experimental Agriculture	Yes	Yes	https://doi.org/10.1017/S0014479717000266
RICE	Vandamme E, Ahouanton k, Mwakasege L, Mujuni S, Mujawamariya G, Kamanda J, Senthilkumar K, Saito K.	Phosphorus micro-dosing as an entry point to sustainable intensification of rice systems in sub-Saharan Africa	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.02.016
RICE	Julia CC, Rose TJ, Pariasca-Tanaka J, Jeong K, Matsuda T, Wissuwa M	Phosphorus uptake commences at the earliest stages of seedling development in rice	Journal of Experimental Botany	No	Yes	https://doi.org/10.1093/jxb/ery267
RICE	Shanka, Dereje, Nigusie Dechassa, Setegn Gebeyehu and Eyasu Elias	Phosphorus use efficiency of common bean cultivars in Ethiopia	Communications in Soil Science and Plant Analysis	No	Yes	https://doi.org/10.1080/00103624.2018.1457158
RICE	Zohoun, E.V., Tang, E.N., Soumanou, M.M., Manful, J., Akissoe, N.H., Bigoga, J., Futakuchi, K. and Ndindeng, S.A	Physicochemical and nutritional properties of rice as affected by parboiling steaming time at atmospheric pressure and variety	Food Science & Nutrition	Yes	Yes	http://doi.org/10.1002/fsn3.600
RICE	Grondin, Alexandre, Shalabh Dixit, Rolando Torres, Challa Venkateshwarlu, Eric Rogers, Thomas Mitchell-Olds, Philip N. Benfey, Arvind Kumar and Amelia Henry	Physiological mechanisms contributing to the QTL qDTY3.2 effects on improved performance of rice Moroberekan x Swarna BC2F3:4 lines under drought	Rice	Yes	Yes	https://doi.org/10.1186/s12284-018-0234-1
RICE	Tranchant-Dubreuil C, Rouard M, Sabot F	Plant Pangenome: impacts on phenotypes and evolution	Annual Plant Review On Line	No	No	https://doi.org/10.1002/9781119312994.apr0664
RICE	Shi, Wanju, Xiang Li, Ralf C. Schmidt, Paul C. Struik, Xinyou Yin, and S. V. Krishna Jagadish	Pollen germination and in vivo fertilization in response to high temperature during flowering in hybrid and inbred rice	Plant Cell and Environment	No	Yes	https://doi.org/10.1111/pce.13146
RICE	Sandhu, Nitika, Shalabh Dixit, B. P. Mallikarjuna Swamy, Prashant Vikram, Challa Venkateshwarlu, Margaret Catolos and Arvind Kumar	Positive interactions of major-effect QTLs with genetic background that enhances rice yield under drought	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-20116-7
RICE	Bui, Hung Xuan and Nathan E. Schroeder	Postembryonic ventral nerve cord development and gonad migration in <i>Steinernema carpocapsae</i>	Journal of Nematology	Yes	Yes	https://doi.org/10.21307/jofne-2018-005
RICE	Kitazumi, Ai, Isaiah C. M. Pabuayon, Hajime Ohyanagi, Masahiro Fujita, Bipush Osti, Matthew R. Shenton, Yusuke Kakei, Yasukazu Nakamura, Darshan S. Brar, Nori Kurata and Benildo G. de los Reyes	Potential of <i>Oryza officinalis</i> to augment the cold tolerance genetic mechanisms of <i>Oryza sativa</i> by network complementation	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-34608-z
RICE	Mitchell, P. L. and J. E. Sheehy	Potential yield of wheat in the United Kingdom: How to reach 20 t ha ⁻¹	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.05.008
RICE	Djagba JF, Sintondji LO, Kouyaté AM, Baggie I, Agbahungba G, Hamadoun A, Zwart SJ	Predictors determining the potential of inland valleys for rice production development in West Africa	Applied Geography	No	Yes	https://doi.org/10.1016/j.apgeog.2018.05.003
RICE	Dossou-Yovo ER, Zwart SJ, Kouyaté A, Ouédraogo I, Bakare O.	Predictors of drought in inland valley landscapes and enabling factors for rice farmers' mitigation measures in the Sudan-Sahel Zone	Sustainability	Yes	Yes	-

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RICE	Ismail, Abdelbagi M., and Amelia Henry	Preface Boosting and sustaining rice productivity in less favorable areas for future food security	Field Crops Research	No	Yes	https://doi.org/10.1016/i.fcr.2018.03.004
RICE	Fuhrmann, Irabella, Sarah Maarastawi, Janice Neumann, Wulf Amelung, Katharina Frindte, Claudia Knief, Eva Lehdorff, Reiner Wassmann, and Jan Siemens	Preferential flow pathways in paddy rice soils as hot spots for nutrient cycling	Geoderma	No	Yes	https://doi.org/10.1016/j.geoderma.2018.10.011
RICE	Kar, Ipsita, Sudhir Yadav, Amit Mishra, Basudev Behera, Chandramani Khanda, Virender Kumar, and Ashok Kumar	Productivity trade-off with different water regimes and genotypes of rice under non-puddled conditions in Eastern India	Field Crops Research	Yes	Yes	https://doi.org/10.1016/i.fcr.2017.10.007
RICE	Saito K, Asai H, Zhao D, Laborte AG, Greiner C.	Progress in varietal improvement for increasing upland rice productivity in the tropics	Plant Production Science	Yes	Yes	https://doi.org/10.1080/1343943X.2018.1459751
RICE	Pinel-Galzi A, Hébrard E, Traoré O, Silué D, Albar L	Protocol for RYMV Inoculation and Resistance Evaluation in Rice Seedlings	Bio-protocol	Yes	No	https://doi.org/10.21769/BioProtoc.2863
RICE	Ponce, Kimberly S., Guoyou Ye, and Xiangqian Zhao	QTL identification for cooking and eating quality in indica rice using multi-parent advanced generation intercross (MAGIC) population	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00868
RICE	Galeng-Lawilao, Judith, Arvind Kumar and Dirk De Waele	QTL mapping for resistance to and tolerance for the rice root-knot nematode, <i>Meloidogyne graminicola</i>	BMC Genetics	Yes	Yes	https://doi.org/10.1186/s12863-018-0656-1
RICE	Mahindawansha, Amani, Natalie Orlowski, Philipp Kraft, Youri Rothfuss, Heathcliff Racela and Lutz Breuer	Quantification of plant water uptake by water stable isotopes in rice paddy systems	Plant and Soil	Yes	Yes	https://doi.org/10.1007/s11104-018-3693-7
RICE	Duku C, Zwart SJ, Lenny GJ, van Bussel LGJ, Hein L.	Quantifying trade-offs between future yield levels, food availability and forest and woodland conservation in Benin	Science of the Total Environment	No	Yes	https://doi.org/10.1016/j.scitotenv.2017.06.115
RICE	Lakitan, Benyamin, Buyung Hadi, Siti Herlinda, Erna Siaga, Laily I. Widuri, Kartika Kartika, Lindi Lindiana, Yunin Yunindyawati, Mei Meihana	Recognizing farmers' practices and constraints for intensifying rice production at Riparian wetlands in Indonesia	NJAS - Wageningen Journal of Life Sciences	Yes	Yes	https://doi.org/10.1016/j.njas.2018.05.004
RICE	Horgan, Finbarr G., Carmencita C. Bernal, Socrates Letana, Alberto I. Naredo, Daniel Ramp, Maria Liberty P. Almazan	Reduced efficiency of tropical flies (Diptera) in the decomposition of snail cadavers following molluscicide poisoning	Applied Soil Ecology	No	Yes	https://doi.org/10.1016/j.apsoil.2018.05.003
RICE	Hayashi, Keiichi, Lizzida Llorca, Sri Rustini, Prihasto Setyanto and Zulkifli Zaini	Reducing vulnerability of rainfed agriculture through seasonal climate predictions: A case study on the rainfed rice production in Southeast Asia	Agricultural Systems	Yes	Yes	https://doi.org/10.1016/j.agsy.2018.01.007
RICE	Tao H, Diop L, Bodian A, Djaman K, Ndiaye PM and Yaseen ZM	Reference evapotranspiration prediction using hybridized fuzzy model with firefly algorithm: Regional case study in Burkina Faso	Agricultural Water Management	No	Yes	https://doi.org/10.1016/j.agwat.2018.06.018
RICE	Cabasan MTN., Kumar A., Bellafiore S., De Waele D	Reproductive, pathogenic and genotypic characterisation of five <i>Meloidogyne graminicola</i> populations from the Philippines on susceptible and resistant rice varieties	Nematology	Yes	Yes	https://doi.org/10.1163/15685411-00003142
RICE	Horgan, Finbarr G., Ainaora Peñalver Cruz, Carmencita C. Bernal, Angelee Fame Ramal, Maria Liberty P. Almazan, Andrew Wilby	Resistance and tolerance to the brown planthopper, <i>Nilaparvata lugens</i> (Stål), in rice infested at different growth stages across a gradient of nitrogen applications	Field Crops Research	Yes	Yes	https://doi.org/10.1016/i.fcr.2017.12.008

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RICE	AgnounY, Yelome I, Sie M, Albar L, Silué D	Resistance of selected Oryza glaberrima landraces and their intra-specific breeding lines to Beninese Rice yellow mottle virus isolates	Crop Protection	Yes	Yes	https://doi.org/10.1016/j.cropro.2019.01.022
RICE	Timple, Stephen E., Fiona R. Hay, Ma. Fatima O. Mercado, Teresita H. Borromeo, Pompe C. Sta. Cruz	Response of intact seeds of wild rice (Oryza) species to dry heat treatment and dormancy-breaking chemicals	Seed Science and Technology	Yes	Yes	https://doi.org/10.15258/sst.2018.46.1.16
RICE	Christian Mestres, Aurélien Briffaz and Dominique Valentin	Rice cooking and sensory quality	Rice chemistry and technology. 4th Edition. Jinsong Bao ed., Elsevier, UK. 2019. pp 385-426.	Yes	No	https://doi.org/10.1016/B978-0-12-811508-4.00012-5
RICE	Settele, J., Heong, K.L., Kühn, I. et al.	Rice ecosystem services in South-east Asia	Paddy and Water Environment	Yes	Yes	https://doi.org/10.1007/s10333-018-0656-9
RICE	Juanillas VMJ, Dereeper A, Beaume N, Droc G, Dizon J, Mendoza JR, Perdon JP, Mansueto L, Triplett L, Lang J, Zhou G, Ratharanjan K, Plale B, Haga J, Leach JE, Ruiz M, Thomson M, Alexandrov N, Larmande P, Kretschmar T, Mauleon RP	Rice Galaxy: an open resource for plant science	BioRxiv & GigaScience	Yes	No	https://doi.org/10.1101/358754
RICE	Danvi A, Giertz S, Zwart SJ, Dieckkrüger B.	Rice Intensification in a Changing Environment: Impact on Water Availability in Inland Valley Landscapes in Benin	Water	Yes	Yes	https://doi.org/10.3390/w10010074
RICE	Dossou B, Silué D.	Rice pathogens intercepted on seeds originating from 11 African countries and from the USA	SEED SCIENCE AND TECHNOLOGY	Yes	Yes	https://doi.org/10.15258/sst.2018.46.1.03
RICE	Caine, Robert S., Xiaojia Yin, Jennifer Sloan, Emily L. Harrison, Umar Mohammed, Timothy Fulton, Akshaya K. Biswal, Jacqueline Dionora, Caspar C. Chater, Robert A. Coe, Anindya Bandyopadhyay, Erik H. Murchie, Ranjan Swarup, W. Paul Quick, Julie E. Gray	Rice with reduced stomatal density conserves water and has improved drought tolerance under future climate conditions	New Phytologist	Yes	Yes	https://doi.org/10.1111/nph.15344
RICE	Setiyono, T. D., E. D. Quicho, F. H. Holecz, N. I. Khan, G. Romuga, A. Maunahan, C. Garcia, A. Rala, J. Raviz, F. Collivignarelli, L. Gatti, M. Barbieri, D. M. Phuong, V. Q. Minh, Q. T. Vo, A. Intrman, P. Rakwatin, M. Sothy, T. Veasna, S. Pazhanivelan, and M. R. O. Mabalay	Rice yield estimation using synthetic aperture radar SAR and the ORYZA crop growth model development and application of the system in South and South	International Journal of Remote Sensing	No	Yes	https://doi.org/10.1080/01431161.2018.1547457
RICE	Paliwal, Ambica, Alice Laborte, Andrew Nelson and R. K. Singh	Salinity stress detection in rice crops using time series MODIS VI data	International Journal of Remote Sensing	No	Yes	https://doi.org/10.1080/01431161.2018.1513667
RICE	Sikirou M, Shittu A, Konate A, Maji T, Ngaujah AS, Sanni K, Ogunbayo, SA, Akintayo I, Saito K, Ahanchede A, and Venuprasad R.	Screening African rice (O. glaberrima) for tolerance to abiotic stress: I. Fe toxicity	Field Crops Research	Yes	Yes	https://doi.org/10.1016/j.fcr.2016.04.016
RICE	Yamane, K., R. Garcia, K. Imayoshi, R. C. Mabesa-Telosa, N. P. M. C. Banayo, G. Vergara, A. Yamauchi, P. Sta. Cruz, and Y. Kato	Seed vigour contributes to yield improvement in dry direct-seeded rainfed lowland rice	Annals of Applied Biology	Yes	Yes	https://doi.org/10.1111/aab.12405
RICE	Bhandari A, Bartholomé J, Cao TV, Kumari N, Frouin J, Kumar A, Ahmadi N	Selection of trait-specific markers and multi-environment models improve genomic predictive ability in rice	BioRxiv	Yes	No	https://www.biorxiv.org/content/early/2018/11/28/482109.abstract

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RICE	Way, M.; Correa, F. and Cruz, M	Sharing knowledge on Rice Hoja Blanca Virus	Rice Farming	Yes	No	https://www.ricefarming.com/digital-issue/
RICE	Lawas, Lovely M. F., Raju Bheemanahalli, Celymar A. Solis, S. V. Krishna Jagadish	Sheathed panicle phenotype (cv. Sathi) maintains normal spikelet fertility and grain filling under prolonged heat stress in rice	Crop Science	No	Yes	https://doi.org/10.2135/cropsci.2017.09.0574
RICE	Hasanuzzaman, M., K. Nahar, T. I. Anee, M. I. R. Khan, M. Fujita	Silicon-mediated regulation of antioxidant defense and glyoxalase systems confers drought stress tolerance in Brassica napus L.	South African Journal of Botany	No	Yes	https://doi.org/10.1016/j.sajb.2017.12.006
RICE	Agustiani, Nurwulan, Nanyan Deng, Juan I. Rattallino Edreira, Setia S. Girsang, Syafruddin, Trias Sitaresmi, Julie M. C. Pasuquin, Fahmuddin Agus, Patricio Grassini	Simulating rice and maize yield potential in the humid tropical environment of Indonesia	European Journal of Agronomy	No	Yes	https://doi.org/10.1016/j.eja.2018.08.002
RICE	Estoque, Ronald C., Robert G. Pontius Jr, Yuji Murayama, Hao Hou, Rajesh B. Thapa, Rodel D. Lasco and Merlito A. Villar	Simultaneous comparison and assessment of eight remotely sensed maps of Philippine forests	International Journal of Applied Earth Observation and Geoinformation	No	Yes	https://doi.org/10.1016/j.iag.2017.10.008
RICE	Mangueze, Adilson V. de J., Maria F. G. Pessoa, Maria J. Silva, Alexis Ndayiragije, Hilário E. Magaia, Viriato S. I. Cossa, Fernando H. Reboredo, Maria L. Carvalho, José P. Santos, Mauro Guerra, Ana I. Ribeiro-Barros, Fernando C. Lidon, José C. Ramalho	Simultaneous Zinc and selenium biofortification in rice accumulation, localization and implications on the overall mineral content of the flour	Journal of Cereal Science	No	Yes	https://doi.org/10.1016/j.jcs.2018.05.005
RICE	Banayo, Niño P. M. C., Crisanta S. Bueno, Stephan M. Haefele, Nenita V. Desamero, Yoichiro Kato	Site-specific nutrient management enhances sink size, a major yield constraint in rainfed lowland rice	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.05.006
RICE	Pede, Valerien O., Francisco J. Areal, Alphonse Singbo, Justin McKinley, and Kei Kajisa	Spatial dependency and technical efficiency: An application of a Bayesian stochastic frontier model to irrigated and rainfed rice farmers in Bohol, Philippines	Agricultural Economics	No	Yes	https://doi.org/10.1111/agec.12417
RICE	Setiyono, Tri D., Emma D. Quicho, Luca Gatti, Manuel Campos-Taberner, Lorenzo Busetto, Francesco Collivignarelli, Francisco Javier García-Haro, Mirco Boschetti, Nasreen Islam Khan, and Francesco Holecz	Spatial rice yield estimation based on MODIS and Sentinel-1 SAR data and ORYZA crop growth model	Remote Sensing	Yes	Yes	https://doi.org/10.3390/rs10020293
RICE	Jonne Rodenburg & Jean-Martial Johnson & Ibnou Dieng & Kalimuthu Senthilkumar & Elke Vandamme & Cyriaque Akakpo & Moundibaye Dastre Allarangaye et al.	Status quo of chemical weed control in rice in sub-Saharan Africa. Food Security	Food security	Yes	Yes	https://doi.org/10.1007/s12571-018-0878-0
RICE	Chu TTH, Hoang TG, Trinh DC, Bureau C, Meynard D, Vernet A, Ingouf M, Do NV, Perin C, Guiderdoni E, Gantet P, Maurel C, Luu TD	Sub-cellular markers highlight intracellular dynamics of membrane proteins in response to abiotic treatments in rice	Rice	Yes	Yes	https://doi.org/10.1186/s12284-018-0209-2
RICE	Ismail, Abdelbagi M.	Submergence tolerance in rice: resolving a pervasive quandary [Commentary article]	New Phytologist	Yes	Yes	https://doi.org/10.1111/nph.15188
RICE	Sabouri, Atefeh, Reza Afshari, Tayebah Raiesi, Haniyeh Babaei Raouf, Elham Nasiri, Masoud Esfahani, Ali Kafi Ghasemi, Arvind Kumar	Superior adaptation of aerobic rice under drought stress in Iran and validation test of linked SSR markers to major QTLs by MLM analysis across two years	Molecular Biology Reports	No	Yes	https://doi.org/10.1007/s11033-018-4253-1
RICE	Mel, Valère Cesse and Bado, Vincent Boubié and Ndiaye, Saliou and Djaman, Koffi and Nati, Delphine Aissata Bama and Manneh, Baboucarr and Futakuchi, Koichi	Sustainable management options to improve the productivity of rice cultivars under salinity stress	Archives of Agronomy and Soil Science	No	Yes	https://doi.org/10.1080/03650340.2018.1552785

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RICE	Perrin, Richard, Lilyan Fulginiti, Subir Bairagi, and Ismail Dweikat	Sweet sorghum as feedstock in great plains corn ethanol plants: the role of biofuel policy	Journal of Agricultural and Resource Economics	Yes	Yes	https://ageconsearch.umn.edu/record/267608
RICE	Maes, Piet, Sergey V. Alkhovsky, Yiming Bao, Martin Beer, Monica Birkhead, Thomas Briesse, Michael J. Buchmeier et al.	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018	Archives of Virology	Yes	Yes	https://doi.org/10.1007/s00705-018-3843-5
RICE	Stuart, Alexander M., Anny Ruth P. Pame, Duangporn Vithoonjit, Ladda Viriyangkura, Julmanee Pithuncharurnlap, Nisa Meesang, Prarthana Suksiri, Grant R. Singleton, and Rubenito M. Lampayan	The application of best management practices increases the profitability and sustainability of rice farming in the central plains of Thailand	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.02.005
RICE	El-Namaky R	The Genetic Variability of Floral and Agronomic Characteristics of Newly-Bred Cytoplasmic Male Sterile Rice	Agriculture	Yes	Yes	https://doi.org/10.3390/agriculture8050068
RICE	Houngbédji M., Madode Y.E., Mestres C., Akissoé N., Manful J., Matignon B., Grabulos J., Hounhouigan J.D.	The quality of steam-cooked rice bread is directly linked with the level of starch gelatinization and the fluidity of fermented dough	Journal of Cereal Science	No	Yes	https://doi.org/10.1016/j.jcs.2018.01.006
RICE	Wing, Rod A., Michael D. Purugganan, and Qifa Zhang	The rice genome revolution: from an ancient grain to Green Super Rice	Nature Reviews Genetics	No	Yes	https://doi.org/10.1038/s41576-018-0024-z
RICE	Lavarenne J, Guyomarc'h S, Sallaud C, Gantet P, Lucas M	The spring of systems biology-driven breeding	TRENDS in Plant Science	No	Yes	https://doi.org/10.1016/j.tplant.2018.04.005
RICE	Flor, Rica Joy, Kry Chhay, Vichet Sorn, Harro Maat, and Buyung Asmara Ratna Hadi	The technological trajectory of integrated pest management for rice in Cambodia	Sustainability	Yes	Yes	https://doi.org/10.3390/su10061732
RICE	Tranchant-Dubreuil C, Ravel S, Monat C, Sarah G, Diallo A, Helou L, Dereeper A, Tando N, Orjuela-Bouniol J, Sabot F	TOGGLE, a flexible framework for easily building complex workflows and performing robust large-scale NGS analyses	bioRxiv	Yes	No	https://doi.org/10.1101/245480
RICE	Frouin J, Languillaume A, Mas J, Mieulet D, Boissard A, Labeyrie A, Bettembourg M, Bureau C, Lorenzini E, Portefaix M, Turquay P, Vernet A, Perin C, Ahmadi N, Courtois B	Tolerance to mild salinity stress in japonica rice: A genome-wide association mapping study highlights calcium signaling and metabolism genes	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0190964
RICE	Jeong K, Pantoja O, Baten A, Waters D, Kretschmar T, Wissuwa M, Julia CC, Heuer S, Rose TJ	Transcriptional response of rice flag leaves to restricted external phosphorus supply during grain filling in rice cv. IR64	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0203654
RICE	Zaidi, Najam Waris, Mandhata Singh, Santosh Kumar, U. R. Sangle, Nityanand, Rajeev Singh, Sachitanand, Rameshwar Prasad, S.S. Singh, S. Singh, A.K. Yadav, Ajeet Singh, Showkat A. Waza, Uma S. Singh	Trichoderma harzianum improves the performance of stress-tolerant rice varieties in rainfed ecologies of Bihar, India	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.05.003
RICE	Horgan, Finbarr G., Maria-Liberty P. Almazan, Quynh Vu, Angelee Fame Ramal, Carmencita C. Bernal, Hideshi Yasui, Daisuke Fujita	Unanticipated benefits and potential ecological costs associated with pyramiding leafhopper resistance loci in rice	Crop Protection	Yes	Yes	https://doi.org/10.1016/j.cropr.2018.09.013
RICE	Heinemann, Alexandre B; Rebolledo, Maria Camila; Costa Neto, Germano Martins F; Ramirez-Villegas, Julian; Pereira Castro, Adriano	Upland rice breeding led to increased drought sensitivity in Brazil	Field Crops Research	Yes	Yes	https://doi.org/doi.org/10.1016/j.fcr.2018.11.009
RICE	Graham-Acquaah G, Saito K, Traore K, Dieng I, Alognon D, Bah S, Manful JT	Variations in agronomic and grain quality traits of rice grown under irrigated lowland conditions in West Africa	Food Science & Nutrition	Yes	Yes	https://doi.org/10.1002/fsn3.635

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RICE	Radanielson, Ando M., Donald S.Gaydon, Md. Mahbubur Rahman Khan, Apurbo K.Chaki, Md. Atikur Rahman, Olivyn Angeles, Tao Li, A. Ismail	Varietal improvement options for higher rice productivity in salt affected areas using crop modelling	Field Crops Research	Yes	Yes	https://doi.org/10.1016/j.fcr.2018.08.020
RICE	Horgan, Finbarr G., Carmencita C. Bernal, Quynh Vu, Maria Liberty P. Almazan, Angelee Fame Ramal, Hideshi Yasui, Daisuke Fujita	Virulence adaptation in a rice leafhopper: Exposure to ineffective genes compromises pyramided resistance	Crop Protection	Yes	Yes	https://doi.org/10.1016/j.cropro.2018.07.010
RICE	Sharma, Sheetal, P. Panneerselvam, Rowena Castillo, Shriram Manohar, Rajendran Raj, V. Ravi, Roland J. Buresh	Web-based tool for calculating field-specific nutrient management for rice in India	Nutrient Cycling in Agroecosystems	Yes	Yes	https://doi.org/10.1007/s10705-018-9959-x
RICE	Rao, A. N., Ravi Gopal Singh, Gulshan Mahajan, S. P. Wani	Weed research issues, challenges, and opportunities in India	Crop Protection	No	Yes	https://doi.org/10.1016/j.cropro.2018.02.003
RICE	Awan, Tahir Hussain, Charlemagne Alexander A. Lim, Sharif Ahmed, Muhammad Ehsan Safdar, and Bhagirath Singh Chauhan	Weed-competitive ability of a hybrid and an inbred rice cultivar in managing <i>Ischaemum rugosum</i> in dry-seeded rice	Pakistan Journal of Agricultural Sciences	Yes	No	https://doi.org/10.21162/PAKJAS/18.5059
RICE	Udomkun P, Ilukor J, Mockshell J, Mujawamariya G, Okafor C, Bullock R, Nabahungu N L, Vanlauwe B	What are the key factors influencing consumers' preference and willingness to pay for meat products in Eastern DRC?	Food Science & Nutrition	Yes	Yes	https://doi.org/10.1002/fsn3.813
RICE	My, Nguyen H. D., Matty Demont, Ellen J. Van Loo, Annalyn de Guia, Pieter Rutsaert, Tran Huu Tuan, Wim Verbeke	What is the value of sustainably-produced rice? Consumer evidence from experimental auctions in Vietnam	Food Policy	Yes	Yes	https://doi.org/10.1016/j.foodpol.2018.08.004
RICE	Achandi E. L., Mujawamariya, G., Agboh-Noameshie A.R., Gebremariam S., Rahalivavololona, N., Rodenburg, J.	Women's access to agricultural technologies in rice production and processing hubs: A comparative analysis of Ethiopia, Madagascar and Tanzania	Journal of Rural Studies	No	Yes	https://doi.org/10.1016/j.jrurstud.2018.03.011
RICE	Anyaocha CO, Fofana M, Gracen VE, Tongoona PB, Blay ET, Semon M and Popoola B	Yield potential of upland rice varieties under reproductive-stage drought and optimal water regimes in Nigeria	Plant Genetic Resources: Characterization and Utilization	No	Yes	https://doi.org/10.1017/S1479262118000060
RICE	Torres, Rolando O. and Amelia Henry	Yield stability of selected rice breeding lines and donors across conditions of mild to moderately severe drought stress	Field Crops Research	Yes	Yes	https://doi.org/10.1016/j.fcr.2016.09.011
RICE	Niang A, Becker M, Ewert F, Tanaka A, Dieng I, and Saito K.	Yield variation of rainfed rice as affected by field water availability and N fertilizer use in central Benin	Nutrient Cycling in Agroecosystems	No	Yes	https://doi.org/10.1007/s10705-017-9898-y
RICE	Saito K, Vandamme E, Johnson JM, Tanaka A, Senthilkumar K, Dieng I, Akakpo C, Segda Z, et al.	Yield-limiting macronutrients for rice in sub-Saharan Africa	Geoderma	Yes	Yes	https://doi.org/10.1016/j.geoderma.2018.11.036
RICE & CCAFS	Fisher, Eleanor, Jon Hellin, Helen Greatrex, Nathaniel Jensen	Index insurance and climate risk management: addressing social equity	Development Policy Review	Yes	Yes	https://doi.org/10.1111/dpr.12387
RICE & CCAFS	Chirinda N, Arenas L, Katto M, Loaiza S, Correa F, Isthitani M, Loboguerrero AM, Martínez-Barón D, Graterol E, Jaramillo S, Torres CF, Arango M, Guzmán M, Avila I, Hube S, Kurtz DB, Zorrilla G, Terra J, Irisarri P, Tarlera S, LaHue G, Scivittaro WB, Noguera A, Bayer C.	Sustainable and Low Greenhouse Gas Emitting Rice Production in Latin America and the Caribbean: A Review on the Transition from Ideality to Reality	Sustainability	Yes	Yes	https://doi.org/10.3390/su10030671
RICE & GENE BANKS	Lee JS, Wissuwa M, Zamora OB, Ismail AM	Novel sources of aus rice for zinc deficiency tolerance identified through association analysis using a high-density SNP array	Rice Science	Yes	Yes	https://doi.org/10.1016/j.rsci.2018.08.004

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RICE & GENE BANKS	Scheben, Armin, Chon-Kit Kenneth Chan, Locedie Mansueto, Ramil Mauleon, Pierre Larmande, Nickolai Alexandrov, Rod A. Wing, Kenneth L. McNally, Hadi Quesneville and David Edwards	Progress in single-access information systems for wheat and rice crop improvement	Briefings in Bioinformatics	No	Yes	https://doi.org/10.1093/bib/bby016
RICE & GENE BANKS	Hay, Fiona R., Rocel Valdez, Jae-Sung Lee, Pompe C. Sta. Cruz	Seed longevity phenotyping: recommendations on research methodology	Journal of Experimental Botany	No	Yes	https://doi.org/10.1093/jxb/ery358
RICE & GENE BANKS	Cubry P, Dubreuil Tranchant C, Thuillet AC, Monat C, Ndjondjop MN, Labadie K, Cruaud C, Engelen S, Scarcelli N, Rhoné B, Burgarella C, Dupuy C, Larmande P, Wincker P, Francois O, Sabot F, Vigouroux Y	The rise and fall of African rice cultivation revealed by analysis of 246 new genomes	Current Biology	Yes	Yes	https://doi.org/10.1016/j.cub.2018.05.066
RICE & RTB	Pais, Marina, Kentaro Yoshida, Artemis Giannakopoulou, Mathieu A. Pel, Liliana M. Cano, Ricardo F. Oliva, Kamil Witek, Hannele Lindqvist-Kreuzer, Vivianne G. A. A. Vleeshouwers, and Sophien Kamoun	Gene expression polymorphism underpins evasion of host immunity in an asexual lineage of the Irish potato famine pathogen	BMC Evolutionary Biology	Yes	Yes	https://doi.org/10.1186/s12862-018-1201-6
RICE & RTB	Schut, Marc, Josey Kamanda, Andreas Gramzow, Thomas Dubois, Dietmar Stoian, Jens A. Andersson, Iddo Dror, Murat Sartas, et al.	Innovation platforms in agricultural research for development: Ex-ante appraisal of the purposes and conditions under which innovation platforms can contribute to agricultural development outcomes	Experimental Agriculture	Yes	Yes	https://doi.org/10.1017/S0014479718000200
RICE & WHEAT	Aravindakshan, Sreejith, Frederick Rossi, T. S. Amjath-Babu, Prakashan Chellattan Veetil, Timothy J. Krupnik	Application of a bias-corrected meta-frontier approach and an endogenous switching regression to analyze the technical efficiency of conservation tillage for wheat in South Asia	Journal of Productivity Analysis	Yes	Yes	https://doi.org/10.1007/s11123-018-0525-y
RICE & WHEAT	Devkota, M., K. P. Devkota, S. Acharya, R. Shrestha, A. J. McDonald	Establishing the value of modern seed storage methods for wheat in diverse production ecologies in Nepal	Journal of Stored Products Research	No	Yes	https://doi.org/10.1016/j.ispr.2018.01.002
RICE & WHEAT	Devkota, Krishna P., Mina Devkota, Lokendra Khadka, Anil Khadka, Gokul Paudel, Salin Acharya, Andrew J. McDonald	Nutrient responses of wheat and rapeseed under different crop establishment and fertilization methods in contrasting agro-ecological conditions in Nepal	Soil and Tillage Research	No	Yes	https://doi.org/10.1016/j.still.2018.04.001
RTB	Valentine Nakato, Wicker Emmanuel, Teresa A. Coutinho, George Mahuku, David J. Studholme	A highly specific tool for identification of Xanthomonas vasicola pv. musacearum based on five Xvm-specific coding sequences	Heliyon	Yes	Yes	https://doi.org/10.1016/j.heliyon.2018.e01080
RTB	Gowda Maruthi, Charles Whitfield, Gerald Otti, Silver Tumwegamire, Edward Kanju, James Legg, Geoffrey Mkamilo, Robert Kawuki, Ibrahim Benesi, Anabela Zacarias, Therezia Munga, Francis Mwatuni, Edward Mbugua	A method for generating virus-free cassava plants to combat viral disease epidemics in Africa	Physiological and Molecular Plant Pathology	Yes	Yes	https://doi.org/10.1016/j.pmpp.2018.09.002
RTB	Zerihun Yemataw, Tsegaye Bekele, Guy Blomme, S. Muzemil, Kassahun Tesfaye, Kim Jacobsen	A review of enset [Ensete ventricosum (Welw.) Cheesman] diversity and its use in Ethiopia	Fruits	Yes	Yes	https://doi.org/10.17660/th2018/73.6.1
RTB	Cees Leeuwis, Katarzyna Cieslik, Art Dewulf, Saskia Werners, Margit van Wessel, Paul C. Struik, Peter Feindt	Addressing socio-ecological development challenges in the digital age: Exploring the potential of Environmental Virtual Observatories for Connective Action (EVOCA)	NJAS - Wageningen Journal of Life Sciences	No	Yes	https://doi.org/10.1016/j.njas.2018.07.006

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RTB	Guy Blomme, Walter Ocimati, Jeroen Groot, Jules Ntamwira, Deo Kantungeko, Roseline Remans, Pablo Tittone	Agroecological integration of shade- and drought tolerant food/feed crops for year-round productivity in banana-based systems under rain-fed conditions in Central Africa	Acta Horticulturae	No	No	https://doi.org/10.17660/ActaHortic.2018.1196.5
RTB	Guy Blomme, Kim Jacobsen, K. Tawle, Zerihun Yemataw	Agronomic practices with a special focus on transplanting methods for optimum growth and yield of enset [Ensete ventricosum (Welw.) Cheesman] in Ethiopia	Fruits	Yes	Yes	https://doi.org/10.17660/th2018/73.6.5
RTB	Apollin Fotso Kuate, Peter Kulakow, Rachid Hanna, Elizabeth Parkes, Peter Iluebbey, Francis Ngome, Christopher Suh, Jacques Massussi, Ibrahim Choutnji, Venasius Lendzemo Wirnkar	AMMI analysis of cassava response to contrasting environments: case study of genotype by environment effect on pests and diseases, root yield, and carotenoids content in Cameroon	Euphytica	Yes	Yes	https://doi.org/10.1007/s10681-018-2234-z
RTB	Babak Behnam, Adriana Bohorquez-Chaux, Oscar Castañeda, Hiroyuki Tsuji, Manabu Ishitani, Luis Augusto Becerra Lopez-lavalle	An optimized isolation protocol yields high-quality RNA from cassava tissues (Manihot esculenta Crantz)	FEBS Open Bio	Yes	Yes	https://doi.org/10.1002/2211-5463.12561
RTB	Guy Blomme, Zerihun Yemataw, K. Tawle, Vida Grace Sinohin, Lavernee Gueco, R. Kebede, A. Lalusin	Assessing enset fibre yield and quality for a wide range of enset [Ensete ventricosum (Welw.) Cheesman] landraces in Ethiopia	Fruits	Yes	Yes	https://doi.org/10.17660/th2018/73.6.3
RTB	Zerihun Yemataw, Guy Blomme, S. Muzemil, Kassahun Tesfaye	Assessing qualitative and phenotypic trait diversity in Ethiopian enset [Ensete ventricosum (Welw.) Cheesman] landraces	Fruits	Yes	Yes	https://doi.org/10.17660/th2018/73.6.2
RTB	Joseph Adheka, Joseph Losimba, C Tamaru, C Sivirahauma, Rony Swennen, Guy Blomme	Banana diversity in the Oriental provinces, northeastern Democratic Republic of Congo	Acta Horticulturae	No	No	https://doi.org/10.17660/actahortic.2018.1196.31
RTB	Bidabadi Siamak, Sijun Zheng	Banana Fusarium Wilt (Fusarium oxysporum f. sp. cubense) Control and Resistance, in the Context of Developing Wilt-resistant Bananas Within Sustainable Production Systems	Horticultural Plant Journal	Yes	Yes	https://doi.org/10.1016/j.hpi.2018.08.001
RTB	Norman Prince Emmanuel, Asrat Asfaw, Pangirayi Tongoona, Agyemang Danquah, Eric Danquah, David DeKoeper, Robert Asiedu.	Can parentage analysis facilitate breeding activities in root and tuber crops?	Agriculture	Yes	Yes	https://doi.org/10.3390/agriculture8070095
RTB	Kenneth Nyombi, Eldad Karamura, Charles Staver, Samuel Mpiira, Wilberforce Tushemereirwe, Jerome Kubiriba	Canopy management, leaf fall and litter quality of dominant tree species in the banana agroforestry system in Uganda	African Journal of Food, Agriculture, Nutrition & Development	Yes	No	https://doi.org/10.18697/ajfand.81.16700
RTB	Margit Drapal, Elisabete Barros de Carvalho, Tatiana Ovalle, Luis Augusto Becerra Lopez-lavalle, Fraser Paul	Capturing biochemical diversity in cassava (Manihot esculenta Crantz) through the application of metabolite profiling	Journal of Agricultural and Food Chemistry	Yes	Yes	https://doi.org/10.1021/acs.jafc.8b04769
RTB	Elliot Price, Ranjana Bhattacharjee, Antonio Lopez-montes, Fraser Paul	Carotenoid profiling of yams: clarity, comparisons and diversity	Food Chemistry	Yes	Yes	https://doi.org/10.1016/j.foodchem.2018.03.066
RTB	Victor Taleon, Tawanda Muzhingi, Dan Sumbu, Sylvain Bidiaka	Carotenoids retention in biofortified yellow cassava processed with traditional African methods	Journal of the Science of Food and Agriculture	Yes	Yes	https://doi.org/10.1002/jsfa.9347
RTB	Olamide Olaosebikan, Elizabeth Parkes, Chiedozie Egesi, Bela Teeken, Peter Kulakow, Holger Kirscht, Hale Ann Tufan	Cassava trait preferences of men and women farmers in Southwest and Southeast Nigeria, what are the implications for trait prioritization within breeding?	Economic Botany	Yes	Yes	https://doi.org/10.1007/s12231-018-9421-7

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RTB	Bhawana Upadhyay, Dharani Burra, Than Thi Nguyen, Kris Wyckhuys	Caught off guard folk knowledge proves deficient when addressing invasive pests in Asian cassava systems	Environment, Development and Sustainability	Yes	Yes	https://doi.org/10.1007/s10668-018-0208-x
RTB	Suchitra Wongprayoon, Thierry Tran, Olivier Gibert, Eric Dubreucq, Kuakoon Piyachomkwan, K. Sriroth	Characterization of Crystalline Structure and Thermostability of Debranched Chickpea Starch-Lauric Acid Complexes Prepared Under Different Complexation Conditions	Chiang Mai Sattawa Phatthayasan	Yes	No	-
RTB	Chukwuemeka Nkere, Joshua Oyekanmi Oloyede, Gonçalo Silva, Moritz Bömer, Gabriel Atiri, Joseph Onyeka, Norbert Maroya, Susan Seal, Lava Kumar	Chromogenic detection of yam mosaic virus by closed-tube reverse transcription loop-mediated isothermal amplification (CT-RT-LAMP)	Archives of Virology	Yes	Yes	https://doi.org/10.1007/s00705-018-3706-0
RTB	Trevon Fuller, Paul Sesink Clee, Kevin Njabo, Anthony Trochez, Katy Morgan, Demetrio Bocuma Meñe, Nicola Anthony, Mary Katherine Gonder, Walter Allen, Rachid Hanna, Thomas Smith	Climate warming causes declines in crop yields and lowers school attendance rates in Central Africa	Science of the Total Environment	No	Yes	https://doi.org/10.1016/j.scitotenv.2017.08.041
RTB	Julius Juma Okello, Carl Johan Lagerkvist, Rogers Kakuhenzire, Monica Parker, Elmar Schulte-Geldermann	Combining means-end chain analysis and goal-priming to analyze Tanzanian farmers' motivations to invest in quality seed of new potato varieties	British Food Journal	No	Yes	https://doi.org/10.1108/BFJ-11-2017-0612
RTB	Okiro Lilian, Mathew Abang, Steven Nyanjom, Christine D. Smart, Monica Parker	Comparative evaluation of LAMP, qPCR, conventional PCR and ELISA to detect Ralstonia solanacearum in Kenyan potato fields	Plant Disease	Yes	Yes	https://doi.org/10.1094/PDIS-03-18-0489-RE
RTB	Elijah Oluwatoyin Ayetigbo, Adebayo Abass, Joachim Muller, Sajid Latif	Comparing characteristics of root, flour and starch of biofortified yellow-flesh and white-flesh cassava variants, and sustainability considerations: a review	Sustainability	Yes	Yes	https://doi.org/10.3390/su10093089
RTB	Kris Wyckhuys, Prapit Wongtiem, Aunu Rauf, Anchana Tancharoen, George Heimpel, Nhung Le, Muhammad Fanani, Geoff Gurr, et al.	Continental-scale suppression of an invasive pest by a host-specific parasitoid underlines both environmental and economic benefits of arthropod biological control	PeerJ	Yes	Yes	https://doi.org/10.7717/peerj.5796
RTB	Birgit Schaub, Jurgен Kroschel	Developing a biocontrol strategy to protect stored potato tubers from infestation with potato tuber moth species in the Andean region	Journal of Applied Entomology	Yes	Yes	https://doi.org/10.1111/jen.12426
RTB	carolina FLORES, Carlos Zarate, Lindsay Triplett, Veronique Maillot-Lebon, Yassine Moufid, Moussa Kanté, Claude Bragard, Valerie Verdier, Lionel Gagnevin, Boris Szurek, Isabelle Robène	Development of a duplex-PCR for differential diagnosis of Xanthomonas phaseoli pv. manihotis and Xanthomonas cassavae in cassava (Manihot esculenta)	Physiological and Molecular Plant Pathology	Yes	Yes	https://doi.org/10.1016/j.pmp.2018.07.005
RTB	Andres Escobar, Layal Dahdouh, Eric Rondet, Julien Ricci, Dominique Dufour, Thierry Tran, Bernard Cuq, Michele Delalonde	Development of a novel integrated approach to monitor processing of cassava roots into gari: macroscopic and microscopic scales	Food and Bioprocess Technology	No	Yes	https://doi.org/10.1007/s11947-018-2106-5
RTB	Henry Buregyeya, Robooni Tumuhimbise, Jerome Kubiriba, David Talengera, Kephass Nowankunda, Geoffrey Arinaitwe, Wilberforce Tushemereirwe, Deborah Karamura, Eldad Karamura, Patrick Rubaihayo	Development of Two High Yielding - Consumer Acceptable Apple Banana Hybrids with Resistance to Fusarium oxysporum f. sp Cubense Race 1	Journal of plant breeding and crop science	Yes	No	https://doi.org/10.5897/IPBCS2018.0720

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RTB	Damtew E, Kalpana Sharma, Cees Leeuwis, Berga Tereda Lemaga, Paul C. Struik, Shiferaw Tafesse, Rico Lie	Diagnosis of management of bacterial wilt and late blight in potato in Ethiopia: A systems thinking perspective	NJAS - Wageningen Journal of Life Sciences	Yes	Yes	https://doi.org/10.1016/j.njas.2018.03.003
RTB	Kim Jacobsen, Guy Blomme, K. Tawle, S. Muzemil, Zerihun Yemataw	Dietary diversity associated with different enset [Ensete ventricosum (Welw.) Cheesman]-based production systems in Ethiopia	Fruits	Yes	Yes	https://doi.org/10.17660/th2018/73.6.6
RTB	Carl Lachat, Jessica Raneri, Katherine Walker Smith, Patrick Kolsteren, Patrick Van Damme, Kaat Verzelen, Daniela Penafiel, Wouter Vanhove, Gina Kennedy, Danny Hunter, et al.	Dietary species richness as a measure of food biodiversity and nutritional quality of diets	Proceedings of the National Academy of Sciences	Yes	Yes	https://doi.org/10.1073/pnas.1709194115
RTB	Andrea Zanini, Wilmer Cuellar, Marcos Celli, Vilma Conci, Liliana Di Feo	Distinct strains of the re-emergent Cassava common mosaic virus (Genus: Potexvirus) infecting cassava in Argentina	Plant Pathology	Yes	Yes	https://doi.org/10.1111/ppa.12869
RTB	Enoch Kikulwe, Stanslus Okurut, Susan Ajambo, Tendo Ssali, Elisabetta Gotor, Jerome Kubiriba, Eldad Karamura	Does Gender Matter in Effective Management of Banana Xanthomonas Wilt? Insights from a Survey among Rural Banana Farming Households in Uganda	Journal of Development and Agricultural Economics	Yes	No	https://doi.org/10.5897/JDAE2017.0877
RTB	Perrier Xavier, Christophe Jenny, Bakry Frederic, Deborah Karamura, Mercy Kitavi, Catherine Hervouet, Cecile Dubois, Gérard Philippson, Edmond De Langhe	East African diploid and triploid bananas: a genetic complex transported from South-East Asia	Annals of Botany	Yes	Yes	https://doi.org/10.1093/aob/mcy156
RTB	Norma Mujica, Jurgen Kroschel	Ecological, economic, and environmental assessments of integrated pest management in potato: A case study from the Cañete Valley, Peru	Food and Energy Security	Yes	Yes	https://doi.org/10.1002/fes3.153
RTB	Kebede Biratu Gizachew, Elias Eyasu, Pheneas Ntawuruhunga, Nhamo Nhamo	Effect of chicken manure application on cassava biomass and root yields in two agro-ecologies of Zambia	Agriculture	Yes	Yes	https://doi.org/10.3390/agriculture8040045
RTB	Janet Mutiso, Julius Juma Okello, Carl Johan Lagerkvist, Penina Ngusye Muoki, Willis Oluoch-Kosura, Simon Heck	Effect of nutrition education and psychosocial factors on child feeding practices: findings of a field experiment with biofortified foods and different women categories	Ecology of Food and Nutrition	Yes	Yes	https://doi.org/10.1080/03670244.2018.1492382
RTB	Anchana Tancharoen, Sirilak Lankaew, P. Moonjuntha, T. Wongphanuwat, B. Sangtongpraow, R. Ngoenkhan, Piya Kittipadukul, Kris Wyckhuys	Effective biological control of an invasive mealybug pest enhances root yield in cassava	Journal of Pest Science	No	Yes	https://doi.org/10.1007/s10340-018-1012-y
RTB	Gidraf Okeyo Onduru, Elly Ouma Atieno, Kalpana Sharma, Elmar Schulte-Geldermann	Effectiveness of Positive Selection in Managing Seed-Borne Potato Viruses	Journal of Agricultural Science	Yes	Yes	https://doi.org/10.5539/jas.v10n3p71
RTB	Murat Sartas, Marc Schut, Frans Hermans, Piet Van Asten, Cees Leeuwis	Effects of multi-stakeholder platforms on multi-stakeholder innovation networks: Implications for research for development interventions targeting innovations at scale	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0197993
RTB	Christina Kidulile, Elijah Ateka, Amos Alakonya, Joseph Ndunguru	Efficacy of chemotherapy and thermotherapy in elimination of east African cassava mosaic virus from Tanzanian cassava landrace	Journal of Phytopathology	Yes	Yes	https://doi.org/10.1111/jph.12725
RTB	Tesfamichael Assfaw, Menale Kassie, Tsegaye Gatiso	Estimating returns to fertilizer adoption with unobserved heterogeneity: evidence from Ethiopia	Food and Energy Security	Yes	Yes	https://doi.org/10.1002/fes3.156

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RTB	Tesfamicheal Assfaw, Tahirou Abdoulaye, Arega Alene, Pierre Nguimkeu, Shiferaw Feleke, Ismail Rabbi, Mekbib Haile, Victor Manyong	Estimating the productivity impacts of technology adoption in the presence of misclassification	American Journal of Agricultural Economics	No	Yes	https://doi.org/10.1093/ajae/aya017
RTB	Silver Tumwegamire, Edward Kanju, James Legg, Salehe Kombo, Geoffrey Mkamilo, Kiddo Mtunda, Heneriko Kulembeka, Karoline Sichalwe, et al.	Exchanging and managing in-vitro elite germplasm to combat Cassava Brown Streak Disease (CBSD) and Cassava Mosaic Disease (CMD) in Eastern and Southern Africa	Food Security	Yes	Yes	https://doi.org/10.1007/s12571-018-0779-2
RTB	Jeroen Groot, Walter Rossing, Seleshi Yalew	Exploring ecosystem services trade-offs in agricultural landscapes with a multi-objective programming approach	Landscape and Urban Planning	No	Yes	https://doi.org/10.1016/j.landurbplan.2017.12.008
RTB	Daniel Van Vugt, A. C. Franke	Exploring the yield gap of orange-fleshed sweet potato varieties on smallholder farmers' fields in Malawi	Field Crops Research	Yes	Yes	https://doi.org/10.1016/j.fcr.2017.11.028
RTB	Mica Jenkins, Anthony Roland Brouwer, Carmen Shanks, Bailey Houghtaling	Factors affecting farmers' willingness and ability to adopt and retain vitamin A-rich varieties of orange-fleshed sweet potato in Mozambique	Food Security	Yes	Yes	https://doi.org/10.1007/s12571-018-0845-9
RTB	Shiferaw Tafesse, Cees Leeuwis, Damtew E, Berga Tereda Lemaga, Kalpana Sharma	Farmers' knowledge and practices of potato disease management in Ethiopia	NJAS - Wageningen Journal of Life Sciences	Yes	Yes	https://doi.org/10.1016/j.njas.2018.03.004
RTB	Clerisse Casinga, James Legg, Rudolph Shirima	First report of mixed infection of Cassava brown streak virus and Ugandan cassava brown streak 2 virus on cassava in north-eastern Democratic Republic of Congo	Plant Disease	Yes	Yes	https://doi.org/10.1094/PDIS-05-18-0836-PDN
RTB	Patrick Karangwa, Diane Mostert, Privat Ndayihanzamaso, Thomas Dubois, Björn Niere, Alexandra zum Felde, Alexander Schouten, Guy Blomme, Fenton Beed, Altus Viljoen	Genetic Diversity of Fusarium oxysporum f. sp. cubense in East and Central Africa	Plant Disease	Yes	Yes	https://doi.org/10.1094/PDIS-02-17-0282-RE
RTB	Shan Wu, Dorcus Gemenet, Robert Obadijah Malagala Mwanga, Marc Ghislain, Kin Lau, Bode Olukolu, Haiyan Wang, Mercy Kitavi, Wolfgang Johann Gruneberg	Genome sequences of two diploid wild relatives of cultivated sweetpotato reveal target for genetic improvements	Nature Communications	Yes	Yes	https://doi.org/10.1038/s41467-018-06983-8
RTB	Ismail Kayondo, Dunia Pino del Carpio, Roberto Lozano, Alfred Ozimati, Marnin Wolfe, Yona Baguma, Prof. Vernon Gracen, Morag Ferguson, Robert Kawuki, Jean-Luc Jannink	Genome-wide association mapping and genomic prediction for CBSD resistance in Manihot esculenta	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-19696-1
RTB	Chiedozi Egesi, Jean-Luc Jannink, Lydia Ezenwaka, Dunia Pino del Carpio, Ismail Rabbi, Eric Danquah, Prof. I. Asante, Essie Blay	Genome-wide association study of resistance to cassava green mite pest and related traits in cassava	Crop Science	Yes	Yes	https://doi.org/10.2135/cropsci.2018.01.0024
RTB	Moses Nyine, Brigitte Uwimana, Nicolas Blavet, Eva Hribova, Eva Van Respaille, Michael Batte, Dr. Allan Brown, Jim Lorenzen, Rony Swennen, Jaroslav Dolezel	Genomic prediction in a multiploid crop: genotype by environment interaction and allele dosage effects on predictive ability in banana	Plant Genome, The	Yes	Yes	https://doi.org/10.3835/plantgenome.2017.10.0090
RTB	Michael Friedmann, Asrat Asfaw, Noelle Anglin, Luis Augusto Becerra Lopez-lavalle, Ranjana Bhattacharjee, Dr. Allan Brown, Morag Ferguson, Dorcus Gemenet, Hannele Lindqvist-Kreuzer, Ismail Rabbi, Mathieu Rouard, Rony Swennen, Graham Philip Craven Thiele	Genomics-Assisted Breeding in the CGIAR Research Program on Roots, Tubers and Bananas (RTB)	Agriculture	Yes	Yes	https://doi.org/10.3390/agriculture8070089

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RTB	Alberto Cenci, Mathieu Rouard, Nathalie Chantret	Glycosyltransferase family 61 in Liliopsida (monocot): the story of a gene family expansion	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.01843
RTB	Carl Johan Lagerkvist, Julius Juma Okello, Souleimane Adekambi, Norman Kwikiriza, Putri Ernawati Abidin, Ted Carey	Goal-setting and volitional behavioural change: Results from a school meals intervention with vitamin-A biofortified sweetpotato in Nigeria	Appetite	Yes	Yes	https://doi.org/10.1016/j.appet.2018.06.038
RTB	Derick Nyabera Malavi, Tawanda Muzhingi, George Ooko Abong	Good Manufacturing Practices and Microbial Contamination Sources in Orange Fleshed Sweet Potato Puree Processing Plant in Kenya	International Journal of Food Science	Yes	No	https://doi.org/10.1155/2018/4093161
RTB	Anne Njoroge, Bjorn Andersson, Jonathan Yuen, Gregory Forbes	Greater aggressiveness in the 2_A1 lineage of Phytophthora infestans may partially explain its rapid displacement of the US-1 lineage in east Africa.	Plant Pathology	Yes	Yes	https://doi.org/10.1111/ppa.12977
RTB	Xianzhou Nie, David de Koeyer, Virginia Dickison, Sydney Brooks, Bihua Nie, Mathuresh Singh, Agnes Murphy	High resolution DNA melting assays for detection of Rx1 and Rx2 for high-throughput marker assisted selection for extreme resistance to Potato virus X in tetraploid potato	Plant Disease	Yes	Yes	https://doi.org/10.1094/pdis-07-17-0968-re
RTB	Jelle Van Wesemael, Yann Hueber, Ewaut Kissel, Nadia Campos, Rony Swennen, Sebastien Carpentier	Homeolog expression analysis in an allotriploid non-model crop via integration of transcriptomics and proteomics	Scientific Reports	Yes	Yes	https://doi.org/10.1038/s41598-018-19684-5
RTB	Sisay Lemawork, Guy Blomme, Alemu Tarekegn, Ferdu Azerefegne, Tameru Alemu	Hot water immersion disinfests enset (Ensete ventricosum) suckers from the enset root mealybug Cataenococcus ensete Williams and Matile-Ferrero	African Journal of Agricultural Research	Yes	No	https://doi.org/10.5897/AJAR2018.13288
RTB	Dieudonne Harahagazwe, Bruno Condori, Carolina Elena Barreda Polar, Astère Bararyenya, Arinaitwe Abel Byarugaba, Danbaba Anthony Kude, Shem Lung'Aho, et al.	How big is the potato (Solanum tuberosum L.) yield gap in Sub-Saharan Africa and why? A participatory approach.	Open Agriculture	Yes	Yes	https://doi.org/10.1515/opag-2018-0019
RTB	Arega Alene, Tahirou Abdoulaye, Joseph Rusike, Ricardo Antonio Labarta, Bernardo Creamer, Martha del Rio, Hernan Ceballos, Luis Augusto Becerra Lopez-lavalle	Identifying crop research priorities based on potential economic and poverty reduction impacts: the case of cassava in Africa, Asia, and Latin America	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0201803
RTB	Amanda Karlstrom, John Belalcazar, Teresa Sanchez, Jorge Lenis, Jhon Larry Moreno Alzate, Monica Pizarro Sanchez, Julien Ricci, Dominique Dufour, Thierry Tran, Hernan Ceballos	Impact of Environment and Genotype-by-Environment Interaction on Functional Properties of Amylose-Free and Wildtype Cassava Starches	Starch/Stärke	Yes	Yes	https://doi.org/10.1002/star.201700278
RTB	Ani A. Elias, Ismail Rabbi, Peter Kulakow, Jean-Luc Jannink	Improving genomic prediction in cassava field experiments by accounting for interplot competition	G3	Yes	Yes	https://doi.org/10.1534/g3.117.300354
RTB	David Antonio Ramirez Collantes, Javier Rinza, Felipe De Mendiburu Delgado, Wendy Lorena Yactayo Gabriel, Carolina Elena Barreda Polar, Roberto Quiroz, Abel Mejia	Infrared radiometry as a tool for early water deficit detection: insights into its use for establishing irrigation calendars for potatoes under humid conditions	Potato Research	Yes	Yes	https://doi.org/10.1007/s11540-018-9400-5
RTB	Cees Leeuwis, Marc Schut, Nyamwaya Munthali, Rico Lie, Annemarie van Paassen, Richard Asare, Ron van Lammeren	Innovation intermediation in a digital age: Comparing public and private new-ICT platforms for agricultural extension in Ghana	NJAS - Wageningen Journal of Life Sciences	No	Yes	https://doi.org/10.1016/j.njas.2018.05.001

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RTB	Zerihun Yemataw, K. Tawle, M. Bolton, R. Kebede, Guy Blomme	Integration of shade-tolerant forage legumes under enset [Ensete ventricosum (Welw.) Cheesman] plants in south-western Ethiopia	Fruits	Yes	Yes	https://doi.org/10.17660/th2018/73.6.7
RTB	T.T.N. Le, Iganio Graziosi, Theresa Cira, Michael Gates, L. Parker, Kris Wyckhuys	Landscape context does not constrain biological control of Phenacoccus manihoti in intensified cassava systems of southern Vietnam	Biological Control	Yes	Yes	https://doi.org/10.1016/j.biocntrol.2018.02.011
RTB	Baldwyn Torto, Laura Cortada-Gonzalez, Solveig Haukeland, Daniel Coyne	Management of cyst and root knot nematodes: a chemical ecology perspective	Journal of Agricultural and Food Chemistry	No	Yes	https://doi.org/10.1021/acs.jafc.8b01940
RTB	Kris Wyckhuys, Jeffrey Bentley, Rico Lie, Le Nghiem, Marjon Fredrix	Maximizing farm-level uptake and diffusion of biological control innovations in today's digital era	BioControl	Yes	Yes	https://doi.org/10.1007/s10526-017-9820-1
RTB	Kelsey Andersen, Richard Gibson, Christopher Buddenhagen, Paul Rachkara, Stephen Kalule, David Phillips, Karen Garrett	Modeling Epidemics in Seed Systems to Guide Management Strategies: The Case of Sweetpotato in Northern Uganda	Phytopathology	Yes	Yes	https://doi.org/10.1101/107359
RTB	Daniel Akansake, Putri Ernawati Abidin, Ted Carey	Modeling the impact of sweetpotato weevils on storage root yield	Open Agriculture	Yes	Yes	https://doi.org/10.1515/opag-2018-0035
RTB	A. Giraldo Toro, A. Briffaz, Olivier Gibert, Dominique Dufour, Thierry Tran, P. Bohuon	Modelling of heat and water transport in plantain during steeping to predict gelatinization and in vitro starch digestibility	Journal of Food Engineering	No	Yes	https://doi.org/10.1016/j.jfoodeng.2018.04.022
RTB	Sètondji Alban Paterne Etchiha Afoha, Antoine Affokpon, Lieven Waeyenberge, Nancy de Sutter, Clément Agbangla, Alexandre Dansi, Daniel Coyne, Nicole Viaene	Molecular diversity of Scutellonema bradys populations from Benin, based on ITS1 rDNA and COI mtDNA	Tropical Plant Pathology	No	Yes	https://doi.org/10.1007/s40858-018-0221-5
RTB	Kalpana Sharma, Christian Verniere, Santatra Ravelomanantsoa, Olivier Pruvost, Stephane Poussier, Isabelle Robène, Prior Philippe, Adrien Rieux, Laurent Costet, Frederic Chiroleu	Molecular epidemiology of Ralstonia solanacearum species complex strains causing bacterial wilt of potato in Uganda	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2017.02258
RTB	Julius Juma Okello, Wellington Jogo, Norman Kwikiriza, Penina Ngusye Muoki	Motivations and cognitive models associated with decentralized seed multiplication: Experiences from biofortified sweetpotato vine multipliers in Kenya and Ethiopia	Journal of Agribusiness in Developing and Emerging Economies	No	Yes	https://doi.org/10.1108/JADEE-06-2017-0058
RTB	Karen Garrett, Kelsey Andersen, Christopher Buddenhagen, Afrina Choudhury, James Fulton, John Hernandez Nopsa	Network Analysis: A Systems Framework to Address Grand Challenges in Plant Pathology	Annual Review of Phytopathology	Yes	Yes	https://doi.org/10.1146/annurev-phyto-080516-035326
RTB	Harun Gitari, Nancy Karanja, Charles Gachene, Solomon Kamau, Kalpana Sharma, Elmar Schulte-Geldermann	Nitrogen and phosphorous uptake by potato (Solanum tuberosum L.) and their use efficiency under potato-legume intercropping systems	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.03.019
RTB	Cees Leeuwis, Paul C. Struik, Katarzyna Cieslik, Art Dewulf, Saskia Werners	NJAS Reflections on the potential of virtual citizen science platforms to address collective action challenges: Lessons and implications for future research	NJAS - Wageningen Journal of Life Sciences	No	Yes	https://doi.org/10.1016/j.njas.2018.07.008
RTB	John Okoth Omondi, Stephen Boahen, Naftali Lazarovitch, Shimon Rachmilevitch, Pheneas Ntawuruhunga, Uri Yermiyahu	Nutrient use efficiency and harvest index of cassava decline as fertigation solution concentration increases	Journal of Plant Nutrition and Soil Science	No	Yes	-
RTB	Patchimaporu Udomkun, Tesfamichael assfaw, Joseph Atehnkeng, Leon Nabahunu, Emmanuel Njukwe,	Occurrence of aflatoxin in agricultural produce from local markets in Burundi and Eastern Democratic Republic of Congo	Food Science and Nutrition	Yes	No	https://doi.org/10.1002/fsn3.787

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	Bernard Vanlauwe, Ranajit Bandyopadhyay					
RTB	Harun Gitari, Charles Gachene, Nancy Karanja, Solomon Kamau, Shadrack Nyawade, Kalpana Sharma, Elmar Schulte-Geldermann	Optimizing yield and economic returns of rain-fed potato (<i>Solanum tuberosum</i> L.) through water conservation under potato-legume intercropping systems	Agricultural Water Management	No	Yes	https://doi.org/10.1016/j.agwat.2018.06.005
RTB	Jan Kreuze, Mart Krupovic, Jonas Blomberg, John Coffin, Indranil Dasgupta, Hung Fan, Robert Gifford, Dirk Lindermann, Jens Mayer, Alexander Muller	Ortervirales: A new viral order unifying five families of reverse-transcribing viruses	Journal of Virology	Yes	Yes	https://doi.org/10.1128/JVI.00515-18
RTB	Mastewal Yami, Marc Schut, Pamela Pali, Piet Van Asten, Michael Hauser	Participation without Negotiating: Influence of Stakeholder Power Imbalances and Engagement Models on Agricultural Policy Development in Uganda	Rural Sociology	No	Yes	https://doi.org/10.1111/ruso.12229
RTB & LIVESTOCK	Tobias Lunt, Jim Ellis-Jones, Kindu Mekonnen, Steffen Schulz, Peter Thorne, Elmar Schulte-Geldermann, Kalpana Sharma	Participatory Community Analysis: identifying and addressing challenges to Ethiopian smallholder livelihoods	Development in practice	Yes	Yes	https://doi.org/10.1080/09614524.2018.1417354
RTB	Jan Kreuze, Masahiro Natsume, Jari Valkonen	Phytotoxin produced by the netted scab pathogen, <i>Streptomyces turgidiscabies</i> strain 65, isolated in Sweden	Journal of General Plant Pathology	Yes	Yes	https://doi.org/10.1007/s10327-018-0765-8
RTB	Joseph Adheka, Prof. Dhed'A Djailo, Guy Blomme, Deborah Karamura, Rony Swennen, Edmond De Langhe	Plantain diversity in the Democratic Republic of Congo and future prospects	Acta Horticulturae	No	No	https://doi.org/10.17660/ActaHortic.2018.1225.36
RTB	Daniel Coyne, Laura Cortada-Gonzalez, Johnathan Dalzell, Abiodun Claudius-Cole, Solveig Haukeland, Nessie Luambano, Herbert Talwana	Plant-parasitic nematodes and food security in sub-saharan Africa	Annual Review of Phytopathology	Yes	Yes	https://doi.org/10.1146/annurev-phyto-080417-045833
RTB	Norman Prince Emmanuel, Asrat Asfaw, Pangirayi Tongoona, Agyemang Danquah, Prof. Eric Danquah, David DeKoeyer, Robert Asiedu	Pollination success in some white yam genotypes under polycross and nested mating designs	International Journal of Biological Sciences and Applications	No	No	-
RTB	Enoch Kikulwe, Stanslus Okurut, Susan Ajambo, Kephass Nowakunda, Dietmar Stoian, Diego Naziri	Postharvest Losses and their Determinants: A Challenge to Creating a Sustainable Cooking Banana Value Chain in Uganda	Sustainability	Yes	Yes	https://doi.org/10.3390/su10072381
RTB	Aregbesola Oluwatosin Zacheus, James Legg, O.S. Lund, L. Sigsgaard, C. Rapisarda	Potential impact of climate change on whiteflies and implications for the spread of vectored viruses	Journal of Pest Science	No	Yes	https://doi.org/10.1007/s10340-018-1059-9
RTB	Gbassey Tarawali, Jonas Chianu, Richardson Okechukwu, Michael Edet	Profitability of cassava production: comparing the actual and potential returns on investment among smallholders in southern Nigeria	Journal of biology, agriculture and healthcare	No	No	-
RTB	Amos Alakonya, Janet Njeri Kimunye, George Mahuku, Delphine Amah, Brigitte Uwimana, Allan Brown, Rony Swennen	Progress in understanding Pseudocercospora banana pathogens and the development of resistant Musa germplasm	Plant Pathology	Yes	Yes	https://doi.org/10.1111/ppa.12824
RTB	Ingrid Aragon, Hernan Ceballos, Dominique Dufour, Mario Ferruzzi	Pro-vitamin A Carotenoids Stability and Bioaccessibility From Elite Selection of Biofortified Cassava Roots (<i>Manihot esculanta</i> , Crantz) Processed to Traditional Flours and Porridges	Food and Function	Yes	No	https://doi.org/10.1039/C8FO01276H
RTB	Suchitra Wongprayoon, Thierry Tran, Olivier Gibert, Eric Dubreucq, Kuakoon Piyachomkwan, K. Sriroth	Pullulanase Debranching of Various Starches Upgrades the Crystalline Structure and Thermostability of Starch-Lauric Acid Complexes	Starch/Stärke	No	Yes	https://doi.org/10.1002/star.201700351

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RTB	Erik Delaquis, Kelsey Andersen, Nami Minato, Thuy Cu, Maria Karssenber, Sophearith Sok, Kris Wyckhuys, Jonathan Newby, Dharani Burra, Pao Srean, Iv Phirun, Niem Le, Nhan Pham, Karen Garrett, Conny Almekinders, Paul C. Struik, Stef De Haan	Raising the Stakes: Cassava Seed Networks at Multiple Scales in Cambodia and Vietnam	Frontiers in Sustainable Food Systems	Yes	No	https://doi.org/10.3389/fsufs.2018.00073
RTB	Goncalo Silva, Joshua Oyekanmi Oloyede, Chukwuemeka Nkere, Moritz Bömer, Lava Kumar, Susan Seal	Rapid detection of potyviruses from crude plant extracts	Analytical Biochemistry	Yes	Yes	https://doi.org/10.1016/j.ab.2018.01.019
RTB	Franc-Cristhophe Baurens, Guillaume Martin, Catherine Hervouet, Salmon Frederic, Sebastien Ricci, Mathieu Rouard, Arnaud Lemaingue, Yahiaoui Nabila, Angelique D'hont	Recombination and Large Structural Variations Shape Interspecific Edible Bananas Genomes	Molecular Biology and Evolution	Yes	Yes	https://doi.org/10.1093/molbev/msy199
RTB	Wasiu Awoyale, Adebayo Abass, Bussie Maziya-dixon	Retention of pro-vitamin A carotenoid in composite bread baked with high quality cassava flour from yellow-fleshed cassava root	Functional Foods in Health and Disease	Yes	Yes	https://doi.org/10.31989/ffhd.v8i9.534
RTB	Paul Neve, JN Barney, Y Buckley, R D Cousens, S Graham, N R Jordan, A Lawton-Rauh, Matt Liebman, Marc Schut, J Shaw, J Storkey, B Baraibar, R S Baucom, et al.	Reviewing research priorities in weed ecology, evolution and management: a horizon scan	Weed Research	Yes	Yes	https://doi.org/10.1111/wre.12304
RTB	Franklin Plasencia Amaya, Henry Juarez, Severin Polreich, Stef De Haan	Revista del Instituto de Investigaciones de la Facultad de Geología	Revista del Instituto de Investigaciones de la Facultad de Geología	Yes	No	-
RTB	Orissa Charlene Monthe, Lidwine Grosmaire, Richard Marcel Nguimbou, Layal Dahdouh, Julien Ricci, Thierry Tran, Robert Ndjouenkeu	Rheological and textural properties of gluten-free doughs and breads based on fermented cassava, sweet potato and sorghum mixed flours	LWT - Food Science and Technology	Yes	Yes	https://doi.org/10.1016/j.lwt.2018.11.051
RTB	Moritz Bömer, Lava Kumar, Ajith Rathnayake, Gonçalo Silva, Susan Seal	Rolling Circle Amplification to Screen Yam Germplasm for Badnavirus Infections and to Amplify and Characterise Novel Badnavirus Genomes	Bio-protocol	Yes	Yes	https://doi.org/10.21769/BioProtoc.2672
RTB	Gina Kennedy, Jessica Raneri, Dietmar Stoian, Beatrice Ekesa, Simon Attwood, Gabriela Del Pilar Burgos Zapata, Hernan Ceballos, Vincent Johnson, Jan Low, Elise Talsma	Roots, Tubers and Bananas: Contributions to Food Security	Food Security	No	Yes	https://doi.org/10.1016/B978-0-08-100596-5.21537-0
RTB	Netsayi Mudege, Robert Obadiah Malagala Mwanga, Norita Mdege, Tafadzwa Chevo, Putri Ernawati Abidin	Scaling up of sweetpotato vine multiplication technologies in Phalombe and Chikwawa districts in Malawi: A gender analysis	NJAS - Wageningen Journal of Life Sciences	Yes	Yes	https://doi.org/10.1016/j.njas.2018.05.003
RTB	Charles Spillane, Elise Talsma, Arthur Chibwana Gama, Daniel Van Vugt, Floor Brouwer	Sensory and cultural acceptability tradeoffs with nutritional content of biofortified orange-fleshed sweetpotato varieties among households with children in Malawi	PLoS ONE	Yes	Yes	https://doi.org/10.1371/journal.pone.0204754
RTB	Francis Onyilo, Geoffery Tusiime, Jaiindra Tripathi, Li-Hung Chen, Bryce Falk, Ioannis Stergiopoulos, Wilberforce Tushemereirwe, Jerome Kubiriba, Leena Tripathi	Silencing of the mitogen-activated protein kinases (MAPK) fus3 and slt2 in pseudocercospora fijiensis reduces growth and virulence on host plants	Frontiers in Plant Science	Yes	Yes	https://doi.org/10.3389/fpls.2018.00291

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RTB	Francine Pacilly, Jeroen Groot, Gert Hofstede, Edith Lammerts van Bueren, Geert Kessel	Simulating crop-disease interactions in agricultural landscapes to analyse the effectiveness of host resistance in disease control: The case of potato late blight	Ecological Modelling	No	Yes	https://doi.org/10.1016/j.ecolmodel.2018.03.010
RTB	Emmanuel Alamu, M. Adegunwa, Adebowale Akande	Snack food from unripe plantain and orange vesicle composite flour: nutritional and sensory properties	Journal of Culinary Science and Technology	No	No	https://doi.org/10.1080/15428052.2018.1491917
RTB	Valentine Nakato, Pavla Christelova, Were Evans, Moses Nyine, Teresa A. Coutinho, Jaroslav Dolezel, Brigitte Uwimana, Rony Swennen, George Mahuku	Sources of resistance in Musa to Xanthomonas campestris pv. musacearum, the causal agent of banana xanthomonas wilt	Plant Pathology	Yes	Yes	https://doi.org/10.1111/ppa.12945
RTB	Rabson Mulenga, James Legg, Joseph Ndunguru, Douglas Miano, Eunice Mutitu, P.C. Chikoti, Olajumoke Alabi	Survey, molecular detection and characterization of geminiviruses associated with cassava mosaic disease in Zambia. Survey, molecular detection and characterization of geminiviruses associated with cassava mosaic disease in Zambia	Plant Disease	Yes	Yes	https://doi.org/10.1094/PDIS-10-15-1170-RE
RTB	Murat Sartas, Laurens Klerkx, Cees Leeuwis, Josey Kamada	Synopsis of Innovation Platforms in Agricultural Research and Development	NJAS - Wageningen Journal of Life Sciences	No	Yes	https://doi.org/10.1016/B978-0-08-100596-5.22197-5
RTB	Joseph Losimba, Joseph Adheka, Prof. Dhed'A Djailo, Guy Blomme, Rony Swennen, Edmond De Langhe	The complex distribution of plantain cultivars (Musa sp., AAB subgroup) in the Bas-Uele province of the Democratic Republic of Congo	African Journal of Agricultural Research	Yes	No	https://doi.org/10.5897/AJAR2018.13202
RTB	Jan Kreuze, Theo van der Lee, Balázs Brankovics, André Lévesque, Hai Nguyen, Bart van de Vossen	The linear mitochondrial genome of the quarantine chytrid Synchytrium endobioticum; insights into the evolution and recent history of an obligate biotrophic plant pathogen	BMC Evolutionary Biology	Yes	Yes	https://doi.org/10.1186/s12862-018-1246-6
RTB	Paula Diaz Tatis, Mariana Herrera, Juan Ochoa, Adriana Medina, Monica Prias, Valerie Verdier, Paul Chavarriaga, Camilo Lopez	The overexpression of RXam1, a cassava gene coding for an RLK, confers disease resistance to Xanthomonas axonopodis pv. Manihotis	Planta	No	Yes	https://doi.org/10.1007/s00425-018-2863-4
RTB	Nadia Campos, Sebastien Carpentier, Rony Swennen	The plantain proteome, a focus on Allele specific proteins obtained from plantain fruits	Proteomics	No	Yes	https://doi.org/10.1002/pmic.201700227
RTB	Moritz Bömer, Ajith Rathnayake, Gonçalo Silva, Lava Kumar, Susan Seal, Juan Sicar	Tissue culture and next-generation sequencing: a combined approach for detecting yam (Dioscorea spp.) viruses	Plant Pathology	Yes	Yes	https://doi.org/10.1016/j.pmpp.2018.06.003
RTB	Zerihun Yemataw, K. Tawle, Guy Blomme, Kim Jacobsen	Traditional onset [Ensete ventricosum (Welw.) Cheesman] sucker propagation methods and opportunities for crop improvement	Fruits	Yes	Yes	https://doi.org/10.17660/th2018/73.6.4
RTB	Alfred Ozimati, Robert Kawuki, Williams Esuma, Ismail Kayondo, Marnin Wolfe, Roberto Lozano, Ismail Rabbi, Peter Kulakow, Jean-Luc Jannink	Training population optimization for prediction of cassava brown streak disease resistance in west African clones	G3	Yes	Yes	https://doi.org/10.1534/g3.118.200710
RTB	Kin Lau, Dorcus Gemenet, Shan Wu, Zhangjun Fei, Muhammad Azeem Khan	Transcriptomic analysis of sweetpotato under dehydration stress identifies candidate genes for drought tolerance	Plant Direct	Yes	Yes	https://doi.org/10.1002/pld3.92
RTB	Everlyne Wosula, Issa Karimou, James Legg	Two new invasive whiteflies (Hemiptera: Aleyrodidae) to Tanzania	African Entomology	Yes	Yes	https://doi.org/10.4001/003.026.0259

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RTB	Jeffrey Bentley, Jorge Andrade, Paul Demo, Beloved Dzomeku, Kim Jacobsen, Enoch Kikulwe, Peter Kromann, Lava Kumar, et al.	Understanding root, tuber, and banana seed systems and coordination breakdown: A multi-stakeholder framework	Journal of Crop Improvement	Yes	Yes	https://doi.org/10.1080/15427528.2018.1476998
RTB	Blessing Masamha, Vusilizwe Thebe, Veronica NE Uzokwe	Unlocking the Household 'Black Box': A Gendered Analysis of Smallholder Farmers' Participation in the Cassava (<i>Manihot esculenta</i> crantz) Value Chain in Tanzania	Journal of International Development	No	Yes	https://doi.org/10.1002/jid.3317
RTB	Frédéric Kosmowski, Abiyot Aragaw, Andrzej Kilian, Alemayehu Ambel, John Ilukor, Biratu Yigezu, James Stevenson	Varietal Identification in Household Surveys: Results from three household-based methods against the benchmark of DNA fingerprinting in Southern Ethiopia	Experimental Agriculture	Yes	Yes	https://doi.org/10.1017/S0014479718000030
RTB	S. Massart, Jan Kreuze, Olivier Therond, Thas Olivier, Mikhail Pooggin	Virus detection by high-throughput sequencing of small RNAs: large scale performance testing of sequence analysis strategies	Phytopathology	Yes	Yes	https://doi.org/10.1094/PHYTO-02-18-0067-R
RTB	Herbert Ainembabazi, Tahirou Abdoulaye, Shiferaw Feleke, Arega Alene, Paul Martin Dontsop Nguezet, Pierre Ndayisaba, Victor Manyong	Who benefits from which agricultural research-for-development technologies? Evidence from farm household poverty analysis in Central Africa	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2018.03.013
RTB	Maria Rojas, Monica Macedo, Minor Maliano, Maria Soto-Aguilar, Juliana Souza, Rob W. Briddon, Lawrence Kenyon, et al.	World Management of Geminiviruses	Annual Review of Phytopathology	No	Yes	https://doi.org/10.1146/annurev-phyto-080615-100327
RTB	Mariette McCampbell, Marc Schut, Cees Leeuwis, Inge Van den Bergh, Boudy van Schagen, Bernard Vanlauwe, Guy Blomme, Svetlana Vladimirovna Gaidashova, Emmanuel Njukwe	Xanthomonas Wilt of Banana (BXW) in Central Africa: Opportunities, challenges, and pathways for citizen science and ICT-based control and prevention strategies	NJAS - Wageningen Journal of Life Sciences	Yes	Yes	https://doi.org/10.1016/j.njas.2018.03.002
RTB & GENBA NKS	Julie Sardos, Max Ruas, Nicolas Roux, Pavla Christelová, J Paofa, Steven Janssens, J Daniels, Jaroslav Dolezel	Collection of new diversity of wild and cultivated bananas (<i>Musa</i> spp.) in the Autonomous Region of Bougainville, Papua New Guinea	Genetic Resources and Crop Evolution	Yes	Yes	https://doi.org/10.1007/s10722-018-0690-x
RTB & GENE ANKS	Marc Ghislain, Laura Nadia Jara Vidalon Orillo, Rosario Herrera, Cinzia Riccio, Frank Guzman, Ida Bartolini	Molecular and genetic characterization of the <i>Ry adg</i> locus on chromosome XI from Andigena potatoes conferring extreme resistance to potato virus Y	Theoretical and Applied Genetics	Yes	Yes	https://doi.org/10.1007/s00122-018-3123-5
RTB & RICE	G. Orquera-Tornakian, C. I. Diaz, D. C. Mogrovejo, D. J. Villamarin, F. Jarrin, L. K. Ponce, R. Oliva, J. Gia, Gregory Forbes, Jorge Andrade, F. J. Flores, C. D. Garzon, J. Molineros, A. Koch, M. S. Benitez	Characterization of tuber blight suppressive soils from four provinces of the Ecuadorean Andes	Plant Pathology	No	Yes	https://doi.org/10.1111/ppa.12872
RTB & WLE	Daniel Karp, Rebecca Chaplin-Kramer, Emily Martin, Fabrice DeClerck, Heather Grab, Claudio Gratton, Lauren Hunt, Ashley Larsen, Alejandra Martinez, Megan O'Rourke, Adrien Rusch, Katja Poveda, Mattias Jonsson, Jay Rosenheim, et al.	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition	Proceedings of the National Academy of Sciences	Yes	Yes	https://doi.org/10.1073/pnas.1800042115
RTB & WLE & GENE ANKS	Ramirez, D.; Yactayo, W.; Rolando, J.L.; Quiroz, R.	Preliminary evidence of nocturnal transpiration and stomatal conductance in potato and their interaction with drought and yield	American Journal of Potato Research	Yes	Yes	https://doi.org/10.1007/s12230-017-9618-9
WHEAT	Shengnan Zhai, Jindong Liu, Dengan Xu, Weie Wen, Yan Jun, Pingzhi Zhang, Yingxiu Wan, Shuanghe Cao, Yuanfeng Hao, Xianchun Xia, Wujun Ma, He Zhonghu	A genome-wide association study reveals a rich genetic architecture of flour color-related traits in bread wheat	Frontiers in Plant Science	No	Yes	https://doi.org/10.3389/fpls.2018.01136

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WHEAT	Rehman, M.U.,Gale, S., Brown-Guedira, G., Jin, Y., Marshall, D., Whitcher, L.W., Williamson, S., Rouse, M.N., Bahavni, S.,Hussain, et al.	Adult plant resistance to stem rust (Puccinia graminis f. sp. tritici) in Pakistani advanced lines and wheat varieties	Australian Journal of Crop Science	No	No	https://doi.org/10.21475/ajcs.18.12.10.p1226
WHEAT	Mittal, S.,Padmaja, S.S., Anurag Ajay	Agricultural information and knowledge network in rural India : a case of Bihar	The Journal of Agricultural Education and Extension	No	No	https://doi.org/10.1080/1389224X.2018.1491871
WHEAT	Pasqualone, A.,Laddomada, B.,Spina, A.,Todaro, A.,Guzman, C.,Summo, C.,Mita, G.,Giannone, V.	Almond by-products: Extraction and characterization of phenolic compounds and evaluation of their potential use in composite dough with wheat flour	LWT - Food Science and Technology	No	Yes	https://doi.org/10.1016/j.lwt.2017.10.066
WHEAT	Pariyar, S.R.,Nakarmi, J., Anwer, M.A., Siddique, S., Ilyas, M., Elashry, A., Dababat, A.A., Leon, J., Grundler, F.	Amino acid permease 6 modulates host response to cyst nematodes in wheat and Arabidopsis	Nematology	No	Yes	https://doi.org/10.1163/15685411-00003172
WHEAT	Montesinos-Lopez, O.A.,Luna-Vazquez, F.J., Montesinos-Lopez, A., Juliana, P., Singh, R.P., Crossa, J.	An R package for multitrait and multienvironment data with the Item-based collaborative filtering algorithm	The Plant Genome	No	Yes	https://doi.org/10.3835/plantgenome2018.02.0013
WHEAT	González-Camacho, J.M.,Ornella, L., Perez-Rodriguez, P., Gianola, D., Dreisigacker, S., Crossa, J.	Applications of machine learning methods to genomic selection in breeding wheat for rust resistance	The Plant Genome	No	Yes	https://doi.org/10.3835/plantgenome2017.11.0104
WHEAT	Santillano-Cazares, J.,Núñez-Ramírez, F., Ruiz-Alvarado, C., Cardenas-Castaneda, M.E., Ortiz-Monasterio, I.	Assessment of Fertilizer Management Strategies Aiming to Increase Nitrogen Use Efficiency of Wheat Grown Under Conservation Agriculture	Agronomy	No	Yes	https://doi.org/10.3390/agronomy8120304
WHEAT	Suneel Kumar,Singh, R.P., Joshi, A.K., Roder, M.S., Chhuneja Parveen, Mavi, G.S., Kumar, U.	Association of Lr 34 gene complex with spot blotch disease resistance at molecular level in wheat (Triticum aestivum L.)	Indian Journal of Genetics and Plant Breeding	No	Yes	https://doi.org/10.31742/IJGPB.78.3.11
WHEAT & RICE	Paresys, L.,Malezieux, E., Huat, J., Kropff, M., Rossing, W.A.H.	Between all-for-one and each-for-himself : on-farm competition for labour as determinant of wetland cropping in two Beninese villages	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2017.10.011
WHEAT	Gupta, P.K.,Vasistha, N.K., Aggarwal, R., Joshi, A.K.	Biology of B. sorokiniana (syn. Cochliobolus sativus) in genomics era	Journal of Plant Biochemistry and Biotechnology	No	Yes	https://doi.org/10.1007/s13562-017-0426-6
WHEAT	Battenfield, S.D.,Sheridan, J.L., Silva, L.D.C.E., Miclaus, K.J., Dreisigacker, S., Wolfinger, R.D., Peña-Bautista, R.J., Singh, R.P.,Jackson, E.W., Fritz, A.K., Guzman, C., Poland, J.A.	Breeding-assisted genomics : applying meta- GWAS for milling and baking quality in CIMMYT wheat breeding program	PLoS One	No	Yes	https://doi.org/10.1371/journal.pone.0204757
WHEAT	Shiv Kumar Lohan,Jat, H.S.,Arvind Kumar,Sidhu, H.S.,Jat, M.L.,Choudhary, M.,Jyotsna Kiran Peter,Sharma, P.C.	Burning issues of paddy residue management in north-west states of India	Renewable and Sustainable Energy Reviews	No	Yes	https://doi.org/10.1016/j.rser.2017.08.057
WHEAT	Toumi, F.,Waeyenberge, L.,Viaene, N.,Dababat, A.A.,Nicol, J.M.,Ogbonnaya, F.C.,Moens, M.	Cereal cyst nematodes : importance, distribution, identification, quantification, and control	European Journal of Plant Pathology	No	Yes	https://doi.org/10.1007/s10658-017-1263-0
WHEAT	Tshewang, S.,Park, R.F., Chauhan, B.S., Joshi, A.K.	Challenges and prospects of wheat production in Bhutan : a review	Experimental Agriculture	No	Yes	https://doi.org/10.1017/S001447971700014X
WHEAT	Bera, T.,Sharma, S., Thind, H.S., Singh, Y., Sidhu, H.S., Jat, M.L.	Changes in soil biochemical indicators at different wheat growth stages under conservation-based sustainable intensification of rice-wheat system	Journal of Integrative Agriculture	No	Yes	https://doi.org/10.1016/S2095-3119(17)61835-5

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WHEAT	Shokoofeh Sarikhani Khorami,Seyed Abdolreza Kazemeini, Sadegh Afzalnia, Gathala, M.K.	Changes in soil properties and productivity under different tillage practices and wheat genotypes : a short-term study in Iran	Sustainability	No	Yes	https://doi.org/10.3390/su10093273
WHEAT	Mottaleb, K.A.,Rahut, D. B.,Kruseman, G.,Erenstein, O.	Changing food consumption of households in developing countries : a Bangladesh case	Journal of International Food & Agribusiness Marketing	No	No	https://doi.org/10.1080/08974438.2017.1402727
WHEAT	Kthiri, D.,Loladze, A., MacLachlan, P. R., N'Diaye, A., Walkowiak, S., Nilsen, K., Dreisigacker, S., Ammar, K.,Pozniak, C.J.	Characterization and mapping of leaf rust resistance in four durum wheat cultivars	PLoS One	No	Yes	https://doi.org/10.1371/journal.pone.0197317
WHEAT	Ponce-Molina, L.J.,Huerta-Espino, J., Singh, R.P., Basnet, B.R., Lagudah, E.S., Aguilar Rincón, V.H., Alvarado Beltrán, G., Lobato-Ortiz, R., García Zavala, J.J., Caixia Lan.	Characterization of adult plant resistance to leaf rust and stripe rust in Indian wheat cultivar 'New Pusa 876'	Crop Science	No	Yes	https://doi.org/10.2135/cropsci2017.06.0396
WHEAT	Zhanwang Zhu,Dengan Xu, Cheng Shun-He, Chunbao Gao, Xia Xian-Chun, Yuanfeng Hao, He Zhonghu	Characterization of Fusarium head blight resistance gene fhb1 and its putative ancestor in chinese wheat germplasm	Acta Agronomica Sinica	No	No	http://zwxb.chinacrops.org/EN/10.3724/SP.J.1006.2018.00473
WHEAT	Ponce-Molina, L.J.,Huerta-Espino, J., Singh, R.P., Basnet, B.R., Alvarado Beltrán, G., Randhawa, M.S., Caixia Lan, Aguilar Rincón, V.H., Lobato-Ortiz, R., García Zavala, J.J.	Characterization of leaf rust and stripe rust resistance in spring wheat 'Chilero'	Plant Disease	No	Yes	https://doi.org/10.1094/PDIS-11-16-1545-RE
WHEAT	Sida T.S., Baudron, F.,Hae Koo Kim,Giller, K.E.	Climate-smart agroforestry : Faidherbia albida trees buffer wheat against climatic extremes in the Central Rift Valley of Ethiopia	Agricultural and Forest Meteorology	No	Yes	https://doi.org/10.1016/j.agrfor.2017.10.013
WHEAT	Muhammad Arshad,Amjath-Babu, T.S., Aravindakshan, S., Krupnik, T.J., Toussaint, V., Kachele, H., Muller, K.	Climatic variability and thermal stress in Pakistan's rice and wheat systems : a stochastic frontier and quantile regression analysis of economic efficiency	Ecological Indicators	No	Yes	https://doi.org/10.1016/j.ecolind.2017.12.014
WHEAT	Bo Zhou,Zijian Zhou, Junqiang Ding, Zhang, X, Cong Mu, Yabin Wu, Jingyang Gao, Yunxia Song, Shiwei Wang,Jinliang Ma, Xiantang Li, Ruixia Wang, Zongliang Xia, Jiafa Chen, Jianyu Wu	Combining three mapping strategies to reveal quantitative trait loci and candidate genes for maize ear length	The Plant Genome	No	Yes	https://doi.org/10.3835/plantgenome2017.11.0107
WHEAT	Case, A.J.,Bhavani, S., Macharia, G., Pretorius, Z.A., Coetzee, V., Kloppers, F.J., Tyagi, P., Guedira, G. B., Steffenson, B.J.	Correction to : mapping adult plant stem rust resistance in barley accessions Hietpas-5 and GAW-79	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-018-3149-8
WHEAT	Jighly, A.,Joukhadar, R., Sukhwinder-Singh, Ogbonnaya, F.C.	Decomposing additive genetic variance revealed novel insights into trait evolution in synthetic hexaploid wheat	Frontiers in Genetics	No	Yes	https://doi.org/10.3389/fgene.2018.00027
WHEAT	Erginbas-Orakci, G.,Morgounov, A.I., Dababat, A.A.	Determination of resistance in winter wheat genotypes to the dryland root rots caused by Fusarium Culmorum in Turkey	International Journal of Agriculture and Wildlife Science	No	No	https://doi.org/10.24180/ijaws.414501
WHEAT	Lingna Kong,Xinying Song, Jin Xiao, Haojie Sun, Keli Dai, Caixia Lan, Singh, P.K, Chunxia Yuan, Shouzhong Zhang, Singh, R.P, Haiyan Wang, Xiue Wang	Development and characterization of a complete set of Triticum aestivum–Roegneria ciliaris disomic addition lines	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-018-3114-6
WHEAT	Abro, Z. A.,Jaleta Debello Moti, Teklewold, H.	Does intensive tillage enhance productivity and reduce risk exposure? : panel data evidence from smallholders' agriculture in Ethiopia	Journal of Agricultural Economics	No	Yes	https://doi.org/10.1111/1477-9552.12262

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WHEAT	Morgounov, A.I, Sonder, K., Abugalieva, A.I., Vijai Bhadauria, Cuthbert, R.D., Shamanin, V., Zelenskiy, Y., DePauw. R.M.	Effect of climate change on spring wheat yields in North America and Eurasia in 1981-2015 and implications for breeding	PLoS One	No	Yes	https://doi.org/10.1371/journal.pone.0204932
WHEAT	Royo, C., Ammar, K., Alfaro, C., Dreisigacker, S., García del Moral, L.F., Villegas, D.	Effect of Ppd-1 photoperiod sensitivity genes on dry matter production and allocation in durum wheat	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.06.005
WHEAT	Arjona, J.M., Royo, C., Dreisigacker, S., Ammar, K., Villegas, D.	Effect of ppd-a1 and ppd-b1 allelic variants on grain number and thousand kernel weight of durum wheat and their impact on final grain yield	Frontiers in Plant Science	No	Yes	https://doi.org/10.3389/fpls.2018.00888
WHEAT	Edet, O.U., Kim, J., Okamoto, M., Hanada, K., Takeda, T., Kishii, M., Gorafi, Y.S.A., Tsujimoto, H.	Efficient anchoring of alien chromosome segments introgressed into bread wheat by new <i>Leymus racemosus</i> genome-based markers	BMC Genetics	No	Yes	https://doi.org/10.1186/s12863-018-0603-1
WHEAT	Choudhary, K.M., Jat, H. S., Nandal, D.P., Bishnoi, D.K., Sutaliya, J.M., Choudhary, M., Singh, Y., Sharma, P.C., Jat, M.L.	Evaluating alternatives to rice-wheat system in western Indo-Gangetic Plains: Crop yields, water productivity and economic profitability	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.12.023
WHEAT	Roostaei, M., Jalal Kamali, M.R., Roohi, E., Mohammadi, R.	Evaluation of Sardari bread wheat ecotypes under the rainfed cold conditions of Iran	Journal of Agricultural Science	No	Yes	https://doi.org/10.1017/S0021859618000564
WHEAT	Mottaleb, K.A., Rahut, D. B., Kruseman, G., Erenstein, O.	Evolving food consumption patterns of rural and urban households in developing countries : a Bangladesh case	British Food Journal	No	Yes	https://doi.org/10.1108/BFJ-12-2016-0620
WHEAT	Sida T.S., Baudron, F., Dejene Adugna Deme, Motuma Tolera, Giller, K.E.	Excessive pruning and limited regeneration : Are <i>Faidherbia albida</i> parklands heading for extinction in the Central Rift Valley of Ethiopia?	Land Degradation and Development	No	Yes	https://doi.org/10.1002/ldr.2959
WHEAT	Celesti, M., van der Tol, C., Cogliati, S., Panigada, C., Peiqi Yang, Pinto Espinosa, F., Rascher, U., Miglietta, F., Colombo, R., Rossini, M.	Exploring the physiological information of sun-induced chlorophyll fluorescence through radiative transfer model inversion	Remote Sensing of Environment	No	Yes	https://doi.org/10.1016/j.rse.2018.05.013
WHEAT	Aryal, J.P., Rahut, D.B., Maharjan, S., Erenstein, O.	Factors affecting the adoption of multiple climate-smart agricultural practices in the Indo-Gangetic Plains of India	Natural Resources Forum	No	Yes	https://doi.org/10.1111/1477-8947.12152
WHEAT	Smaha, D., Mokrini, F., Imren, M., Mokabli, A., Dababat, A.A.	First report of <i>Heterodera hordecalis</i> , a cereal cyst nematode, on wheat in Algeria	Plant Disease	No	Yes	https://doi.org/10.1094/PDIS-12-17-1965-PDN
WHEAT	Cruppe, G., Cruz, C.D., Peterson, G.L., Calderon Daza, L., Rivadeneira Caballero, M.G., Singh, P., Singh, R.P., Braun, H.J., Valent, B.	First report of non-2NS resistance to wheat head blast	Phytopathology	No	Yes	https://doi.org/10.1094/PHYTO-108-10-S1.1
WHEAT	Smaha, D., Mokrini, F., Imren, M., Mokabli, A., Dababat, A.A.	First report of the cereal cyst nematode (<i>Heterodera Filipjevi</i>) on wheat in Algeria	Plant Disease	No	Yes	https://doi.org/10.1094/PDIS-12-17-2003-PDN
WHEAT	Farnworth, C.R., López, D.E., Badstue, L., Hailemariam, M., Abeyo, B.G	Gender and agricultural innovation in Oromia region, Ethiopia: from innovator to tempered radical	Gender, Technology and Development	No	No	https://doi.org/10.1080/09718524.2018.1557315
WHEAT	Sukumaran, S., Lopes, M.S., Dreisigacker, S., Reynolds, M.P.	Genetic analysis of multi-environmental spring wheat trials identifies genomic regions for locus-specific trade-offs for grain weight and grain number	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-017-3037-7

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WHEAT	Xue Lin,N'Diaye, A., Walkowiak, S., Nilsen, K., Cory, A.T., Haile, J., Kutcher, H.R., Ammar, K., Loladze, A., Huerta-Espino, J., Clarke, J.M., Ruan, Y., Knox, R., Fobert, P., Sharpe, A.G., Pozniak, C.J.	Genetic analysis of resistance to stripe rust in durum wheat (Triticum turgidum L. Var. Durum)	PLoS One	No	Yes	https://doi.org/10.1371/journal.pone.0203283
WHEAT	Li-fang Chang,Huihui Li, Xiao-yang Wu, Yu-qing Lu, Jin-peng Zhang, Xin-ming Yang, Xiu-quan Li, Wei-hua Liu,Li-hui Li	Genetic characteristics of a wheat founder parent and a widely planted cultivar derived from the same cross	Journal of Integrative Agriculture	No	Yes	https://doi.org/10.1016/S2095-3119(17)61710-6
WHEAT	Velu, G.,Singh, R.P., Crespo-Herrera, L.A., Juliana, P., Dreisigacker, S., Valluru, R., Stangoulis, J., Sohu, V.S., Gurvinder Singh Mavi, Vinod Kumar Mishra, Balasubramaniam, A., Chatrath, R., Gupta, V., Gyanendra Pratap Singh, Joshi, A.K.	Genetic dissection of grain zinc concentration in spring wheat for mainstreaming biofortification in CIMMYT wheat breeding	Nature Scientific reports	No	Yes	https://doi.org/10.1038/s41598-018-31951-z
WHEAT	Gurcharn S. Brar,Fuentes Dávila, G., Xinyao He, Sansaloni, C.P., Singh, R.P., Singh, P.K.	Genetic mapping of resistance in hexaploid wheat for a quarantine disease : Karnal Bunt	Frontiers in Plant Science	No	Yes	https://doi.org/10.3389/fpls.2018.01497
WHEAT	Sukumaran, S.,Reynolds, M.P., Sansaloni, C.P.	Genome-wide association analyses identify QTL hotspots for yield and component traits in durum wheat grown under yield potential, drought, and heat stress environments	Frontiers in Plant Science	No	Yes	https://doi.org/10.3389/fpls.2018.00081
WHEAT	Juliana, P.,Singh, R.P., Singh, P.K., Poland, J.A., Bergstrom, G.C., Huerta-Espino, J., Bhavani, S., Crossa, J.,Sorrells, M.E.	Genome-wide association mapping for resistance to leaf rust, stripe rust and tan spot in wheat reveals potential candidate genes	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-018-3086-6
WHEAT	Ram Narayan Ahirwar,Vinod Kumar Mishra, Chand, R., Neeraj Budhlakoti, Dwijesh Chandra Mishra, Kumar, S., Singh, S., Joshi, A.K.	Genome-wide association mapping of spot blotch resistance in wheat association mapping initiative (WAMI) panel of spring wheat (Triticum aestivum L.)	PLoS One	No	Yes	https://doi.org/10.1371/journal.pone.0208196
WHEAT	Jieyun Li,Jindong Liu,Weie Wen,Pingzhi Zhang,Yingxiu Wan,Xianchun Xia,Zhang Yan,He Zhonghu	Genome-wide association mapping of vitamins B1 and B2 in common wheat	The Crop Journal	No	Yes	https://doi.org/10.1016/j.cj.2017.08.002
WHEAT	Yanchun Peng,Hongbo Liu, Jie Chen, Taotao Shi, Chi Zhang, Dongfa Sun, He Zhonghu, Yuanfeng Hao, Wei Chen	Genome-wide association studies of free amino acid levels by six multi-locus models in bread wheat	Frontiers in Plant Science	No	Yes	https://doi.org/10.3389/fpls.2018.01196
WHEAT	Case, A.J.,Bhavani, S.,Macharia, G.,Steffenson, B.J.	Genome-wide association study of stem rust resistance in a world collection of cultivated barley	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-017-2989-y
WHEAT	Bhatta, M.R.,Morgounov, A.I., Belamkar, V., Yorgancilar, A., Baenziger, P.S.	Genome-wide association study reveals favorable alleles associated with common bunt resistance in synthetic hexaploid wheat	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2282-4
WHEAT	Bhatta, M.,Baenziger, P.S., Waters, B.M., Poudel, R., Belamkar, V., Poland, J., Morgounov, A.I.	Genome-wide association study reveals novel genomic regions associated with 10 grain minerals in synthetic hexaploid wheat	International Journal of Molecular Sciences	No	Yes	https://doi.org/10.3390/ijms19103237
WHEAT	Bhatta, M.R.,Morgounov, A.I., Belamkar, V., Baenziger, P.S.	Genome-wide association study reveals novel genomic regions for grain yield and yield-related traits in drought-stressed synthetic hexaploid wheat	International Journal of Molecular Sciences	No	Yes	https://doi.org/10.3390/ijms19103011
WHEAT	Faji Li,Weie Wen, He Zhonghu, Jindong Liu, Hui Jin, Shuanghe Cao, Hongwei Geng, Yan Jun, Pingzhi Zhang, Yingxiu Wan, Xianchun Xia	Genome-wide linkage mapping of yield-related traits in three Chinese bread wheat populations using high-density SNP markers	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-018-3122-6

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WHEAT	Sukumaran, S., Jarquín, D., Crossa, J., Reynolds, M.P.	Genomic-enabled prediction accuracies increased by modeling genotype x environment interaction in durum wheat	The Plant Genome	No	Yes	https://doi.org/10.3835/plantgenome2017.12.0112
WHEAT	Honsdorf, N., Mulvaney, M.J., Singh, R.P., Ammar, K., Burgueño, J., Govaerts, B., Verhulst, N.	Genotype by tillage interaction and performance progress for bread and durum wheat genotypes on irrigated raised beds	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.11.011
WHEAT	Hodson, D.P., Jin, Y., Olivera Firpo, P.D., Szabo, L.J., Hovmoller, M.S., Patpour, M., Nazari, K., Gilligan, C.A., Meyer, M., Hort, M.C., Millington, S., Pretorius, Z.A., Park, R.F., Fetch, T.G., Gronbech Hansen, J.	Global wheat stem rust monitoring : meeting the challenges of a re-emerging threat to wheat production	Phytopathology	No	Yes	https://doi.org/10.1094/PHYTO-108-10-S1.240
WHEAT	Jat, R.K., Singh, P., Jat, M.L., Dia, M., Sidhu, H.S., Jat, S.L., Bijarniya, D., Jat, H. S., Parihar, C.M., Kumar, U., Lopez-Ridaura, S.	Heat stress and yield stability of wheat genotypes under different sowing dates across agro-ecosystems in India	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.12.020
WHEAT	Grahmann, K., Verhulst, N., Dittert, K., Govaerts, B., Buerkert, A.	High N fertilizer application to irrigated wheat in Northern Mexico for conventionally tilled and permanent raised beds : effects on N balance and short term N dynamics	Journal of Plant Nutrition and Soil Science	No	Yes	https://doi.org/10.1002/jpln.201800011
WHEAT	Basnet, B.R., Crossa, J., Dreisigacker, S., Perez-Rodriguez, P., Yann Manes, Singh, R.P., Rosyara, U., Camarillo-Castillo, F., Murua, M.	Hybrid wheat prediction using genomic, pedigree, and environmental covariables interaction models	The Plant Genome	No	Yes	https://doi.org/10.3835/plantgenome2018.07.0051
WHEAT	Silva Pérez, V., Molero, G., Shawn P. S., Condon, A.G., Reynolds, M.P., Furbank, R., Evans, J.R.	Hyperspectral reflectance as a tool to measure biochemical and physiological traits in wheat	Journal of Experimental Botany	No	Yes	https://doi.org/10.1093/jxb/erx421
WHEAT	Randhawa, M.S., Singh, R.P., Dreisigacker, S., Bhavani, S., Huerta-Espino, J., Rouse, M.N., Nirmala, J., Sandoval-Sanchez, M.	Identification and validation of a common stem rust resistance locus in two bi-parental populations	Frontiers in Plant Science	No	Yes	https://doi.org/10.3389/fpls.2018.01788
WHEAT	Erginbas-Orakci, G., Sehgal, D., Sohail, Q., Ogbonnaya, F.C., Dreisigacker, S., Pariyar, S.R., Dababat, A.A.	Identification of novel quantitative trait loci linked to crown rot resistance in spring wheat	International Journal of Molecular Sciences	No	Yes	https://doi.org/10.3390/ijms19092666
WHEAT	Kakraliya Suresh Kumar, Ishwar Singh, Dadarwal, R.S., Singh, L.K., Jat, R.D., Jat, H.S., Jat, M.L.	Impact of climate-smart agricultural practices on growth and crop yields of rice (Oryza sativa)-wheat (Triticum aestivum) system in North-Western Indo-Gangetic plains	Indian Journal of Agricultural Sciences	No	Yes	http://epubs.icar.org.in/ejournal/index.php/IJAgS/article/view/84221
WHEAT	Kumar, V., Kumar, M., Singh, S.K., Jat, R.K.	Impact of conservation agriculture on soil physical properties in rice-wheat system of eastern indo-gangetic plains	Journal of Animal and Plant Sciences	No	Yes	http://www.thejaps.org.pk/docs/v-28-05/25.pdf
WHEAT	Hussain, I., Ali, A., Ansaar Ahmed, Hafiz Nasrullah, Badar ud Din Khokhar, Shahid Iqbal, Azhar Mahmood Aulakh, Atta ullah Khan, Jamil Akhter, Gulzar Ahmed	Impact of ridge-furrow planting in Pakistan : empirical evidence from the farmers field	International Journal of Agronomy	No	No	https://doi.org/10.1155/2018/3798037
WHEAT	Park, A.G., McDonald, A., Devkota, M., Davis, A.S.	Increasing yield stability and input efficiencies with cost-effective mechanization in Nepal	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.08.012
WHEAT	Xiaoli Wu, Yonglu Tang, Chaosu Li, McHugh, A., Zhuo Li, Chun Wu	Individual and combined effects of soil waterlogging and compaction on physiological characteristics of wheat in southwestern China	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.10.016

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WHEAT	Ashrafi, S.,Knapp, D.G., Blaudez, D., Chalot, M., Macia-Vicente, J.G., Imre Zagya, Dababat, A.A., Maier, W., Gabor M. Kovacs.	Inhabiting plant roots, nematodes, and truffles—Polyphilus, a new helotilean genus with two globally distributed species	Mycologia	No	Yes	https://doi.org/10.1080/00275514.2018.1448167
WHEAT	Randhawa, M.S.,Caixia Lan, Basnet, B.R., Bhavani, S., Huerta-Espino, J., Forrest, K.L.,Hayden, M., Singh, R.P.	Interactions among genes Sr2/Yr30, Lr34/Yr18/Sr57 and Lr68 confer enhanced adult plant resistance to rust diseases in common wheat (Triticum aestivum L.) line 'Arula'	Australian Journal of Crop Science	No	No	https://doi.org/10.21475/ajcs.18.12.06.PNE1305
WHEAT	Alvarez, J.B.,Guzman, C.	Interspecific and intergeneric hybridization as a source of variation for wheat grain quality improvement	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-017-3042-x
WHEAT	Mokrini, F.,Viaene, N., Waeyenberge, L., Dababat, A.A., Moens, M.	Investigation of resistance to Pratylenchus penetrans and P. thornei in international wheat lines and its durability when inoculated together with the cereal cyst nematode Heterodera avenae, using qPCR for nematode quantification	European Journal of Plant Pathology	No	Yes	https://doi.org/10.1007/s10658-018-1420-0
WHEAT	Dababat, A.A.,Erginbas-Orakci, G., Toumi, F., Braun, H.J., Morgounov, A.I., Sikora, R.A.	IPM to control soil-borne pests on wheat and sustainable food production	Arab Journal of Plant Protection	No	No	https://doi.org/10.22268/AJPP-036.1.037044
WHEAT	Ali, A.,Hussain, I., Rahut, D. B., Erenstein, O.	Laser-land leveling adoption and its impact on water use, crop yields and household income : empirical evidence from the rice-wheat system of Pakistan Punjab	Food Policy	No	Yes	https://doi.org/10.1016/j.foodpol.2018.03.018
WHEAT	Cardoso, P.,Mateus, T.C., Velu, G., Singh, R.P., Santos, J.P., Carvalho, M.L., Lourenco, V.M., Lidon, F., Reboredo, F.,Guerra, M.	Localization and distribution of Zn and Fe in grains of biofortified bread wheat lines through micro- and triaxial-X-ray fluorescence spectrometry	Spectrochimica Acta Part B: Atomic Spectroscopy	No	Yes	https://doi.org/10.1016/j.sab.2018.01.006
WHEAT	Aolin Jia,Yan Ren, Fengmei Gao, Guihong Yin, Jindong Liu, Lu Guo, Jizhou Zheng, He Zhonghu, Xianchun Xia	Mapping and validation of a new QTL for adult-plant resistance to powdery mildew in Chinese elite bread wheat line Zhou8425B	Theoretical and Applied Genetics	No	Yes	https://doi.org/10.1007/s00122-018-3058-x
WHEAT	Taunk, J.,Sehgal, D., Yadav, N.R., Howarth, C., Yadav, R.C., Yadav, R.S.	Mapping of easy to screen SSR markers for selection of RFLP markers-bracketed downy mildew resistance QTLs in pearl millet	European Journal of Plant Pathology	No	Yes	https://doi.org/10.1007/s10658-017-1381-8
WHEAT	Hernandez Espinosa, N.,Mondal, S., Autrique, E., González-Santoyo, H., Crossa, J., Huerta-Espino, J., Singh, R.P., Guzman, C.	Milling, processing and end-use quality traits of CIMMYT spring bread wheat germplasm under drought and heat stress	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.10.003
WHEAT	Md. Rejouanul Islam,Hasan Muhammad Abdullah,Zia Ahmed,Imranul Islam,Jannatul Ferdush,Md. Giashuddin Miah,Md. Main Uddin Miah	Monitoring the spatiotemporal dynamics of waterlogged area in southwestern Bangladesh using time series Landsat imagery	Remote Sensing Applications: Society and Environment	No	No	https://doi.org/10.1016/j.rsase.2017.11.005
WHEAT	Mustafa Imren,Senol Yildiz, Toktay, H., Duman, N., Dababat, A.A.	Morphometric and genetic variability among Mediterranean cereal cyst nematode (Heterodera latipons) populations in Turkey	Turkish Journal of Zoology	No	Yes	https://doi.org/10.3906/zoo-1801-41
WHEAT	Shamanin, V.,Pototskaya, I.V., Shepelev, S.S., Pozherukova, V.E., Morgounov, A.I.	Morphometric parameters of the rooting system and productivity of plants in synthetic line of spring soft wheat in conditions of western siberia in connection with sustainability	Agricultural Biology	No	No	https://doi.org/10.15389/agrob.2018.3.587rus

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WHEAT	Rodrigues, F., Blasch, G., Defourny, P., Ortiz-Monasterio, I., Schulthess, U., Zarco-Tejada, P.J., Taylor, J.A., Gerard, B.	Multi-temporal and spectral analysis of high-resolution hyperspectral airborne imagery for precision agriculture : Assessment of wheat grain yield and grain protein content	Remote Sensing	No	Yes	https://doi.org/10.3390/rs10060930
WHEAT	Sharma, S., Ranabir Sahu, Sudhir Navathe, Vinod Kumar Mishra, Chand, R., Singh, P.K., Joshi, A.K., Pandey, S.P.	Natural variation in elicitation of defense-signaling associates to field resistance against the spot blotch disease in bread wheat (<i>Triticum aestivum</i> L.)	Frontiers in Plant Science	No	Yes	https://doi.org/10.3389/fpls.2018.00636
WHEAT	Helaly, S.E., Ashrafi, S., Teponno, R.B., Bernecker, S., Dababat, A.A., Maier, W., Stadler, M.	Nematicidal cyclic lipopeptides and a xanthocillin derivative from a phaeosphaeriaceous fungus parasitizing eggs of the plant parasitic nematode <i>Heterodera filipjevi</i>	Journal of Natural Products	No	Yes	https://doi.org/10.1021/acs.jnatprod.8b00486
WHEAT	Alvarado Padilla, J.I., Chavez-Villalba, G., Camacho Casas, M.A., Huerta-Espino, J., Villaseñor Mir, H.E., Singh, R.P.	Ñipal F2016 : variety of bread wheat for the Rural District 014	Revista Mexicana de Ciencias Agrícolas	No	No	https://doi.org/10.29312/remexca.v9i8.1148
WHEAT	Edet, O.U., Gorafi, Y.S.A., Seong-woo Cho, Kishii, M., Hisashi Tsujimoto.	Novel molecular marker-assisted strategy for production of wheat- <i>Leymus mollis</i> chromosome addition lines	Nature Scientific reports	No	Yes	https://doi.org/10.1038/s41598-018-34545-x
WHEAT	Abdullah M., Ahmad, J., Javed, A., Hussain, M., Shamim, S., Shair, H., Zulkiffal, M., Imtiaz, M., Owais, M., Gulnaz, S.	Nutritive appraisal of various wheat varieties/lines for developing biofortified wheat (<i>Triticum Aestivum</i> L.)	Journal of Food Processing & Technology	No	No	https://doi.org/10.4172/2157-7110.1000743
WHEAT	Janati, S., Abdellah Houari, Ahmed Wifaya, Adil Essarioui, Abdelaziz Mimouni, Abderrahim Hormatallah, Mohamed Sbaghi, Dababat, A.A., Mokrini, F.	Occurrence of the root-knot nematode species in vegetable crops in Souss region of Morocco	Plant Pathology Journal	No	Yes	https://doi.org/10.5423/PJ.OA.02.2018.0017
WHEAT	Lopes, M.S., Royo, C., Álvaro, F., Sanchez-Garcia, M., Ozer, E., Ozdemir, F., Karaman, M., Roustai, M., Jalal Kamali, M.R., Pequeno, D. N. L.	Optimizing winter wheat resilience to climate change in rain fed crop systems of Turkey and Iran	Frontiers in Plant Science	No	Yes	https://doi.org/10.3389/fpls.2018.00563
WHEAT	Dehui Zhao, Yong Zhang, Desen Wang, Huang Ling, Xinmin Chen, Yonggui Xiao, Yan Jun, Zhang Yan, He Zhonghu	Pan bread and steamed bread qualities of novel-released cultivars in northern winter wheat region of China	Acta Agronomica Sinica	No	No	http://kns.cnki.net/kcms/detail/11.1809.S.20180128.2016.010.html
WHEAT	Mottaleb, K.A.	Perception and adoption of a new agricultural technology : evidence from a developing country	Technology in Society	No	Yes	https://doi.org/10.1016/j.techsoc.2018.07.007
WHEAT & CCAFS	Kakraliya, S.K., Jat, H.S., Singh, I., Sapkota, T.B., Singh, L.K., Sutaliya, J.M., Sharma, P.C., Jat, R.D., Choudhary, M., Lopez-Ridaura, S., Jat, M.L.	Performance of portfolios of climate smart agriculture practices in a rice wheat system of western Indo-Gangetic plains	Agricultural Water Management	No	Yes	https://doi.org/10.1016/j.agwat.2018.02.020
WHEAT	Webber, H., White, J.W., Kimball, B.A., Ewert, F., Asseng, S., Eyshi Rezaei, E., Pinter, P.J. Jr., Hatfield, J.L., Reynolds, M.P., Behnam, Ababaei, Bindu, et al.	Physical robustness of canopy temperature models for crop heat stress simulation across environments and production conditions	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2017.11.005
WHEAT	Gulyaeva, E.I., Kovalenko, N.M., Shamanin, V.P., Tyunin, V.A., Shreyder, E.R., Shaydayuk, E.L., Morgunov, A.I.	Population structure of leaf pathogens of common spring wheat in the West Asian regions of Russia and North Kazakhstan in 2017	Vavilovskii Zhurnal Genetiki i Selektzii	No	No	https://doi.org/10.18699/VJ18.372

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WHEAT	Lewis, C.M.,Persoons, A., Bebbler, D.P., Kigathi, R.N., Maintz, J., Findlay, K., Bueno-Sancho, V., Corredor-Moreno, P.,Harrington, S.A., Ngonidzashe Kangara, Berlin, A., Garcia, R., e al.	Potential for re-emergence of wheat stem rust in the United Kingdom	Communications Biology	No	No	https://doi.org/10.1038/s42003-018-0013-y
WHEAT	Tabib Ghaffary, S.M.,Chawade, A., Singh, P.K.	Practical breeding strategies to improve resistance to Septoria tritici blotch of wheat	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2205-4
WHEAT	Montesinos-Lopez, O.A.,Montesinos-López, A.,Crossa, J.,Montesinos-López, J.C.,Mota-Sanchez, D.,Estrada-González, F.,Gillberg, J.,Singh, R.P.,Mondal, S.,Juliana, P.	Prediction of multiple-trait and multiple-environment genomic data using recommender systems	G3: Genes, Genomes, Genetic	No	Yes	https://doi.org/10.1534/g3.117.300309
WHEAT	Juliana, P.,Singh, R.P., Poland, J., Mondal, S., Crossa, J., Montesinos-Lopez, O.A., Dreisigacker, S., Perez-Rodriguez, P.,Huerta-Espino, J., Crespo-Herrera, L.A., Velu, G.	Prospects and challenges of applied genomic selection-a new paradigm in breeding for grain yield in bread wheat	The Plant Genome	No	Yes	https://doi.org/10.3835/plantgenome2018.03.0017
WHEAT	Karimov, A.,Smakhtin, V.,Karimov, A.,Khalim Khodjiev,Sadyk Yakubov,Platonov, A.,Avliyakov, M.	Reducing the energy intensity of lift irrigation schemes of Northern Tajikistan- potential options	Renewable and Sustainable Energy Reviews	No	Yes	https://doi.org/10.1016/j.rser.2017.06.107
WHEAT	Yongjie Miao,Yan Jun, Dehui Zhao, Yubing Tian, Yan Jun-Liang, Xia Xian-Chun, Yong Zhang, He Zhonghu	Relationship between grain filling parameters and grain weight in leading wheat cultivars in the yellow and Huai Rivers Valley	Acta Agronomica Sinica	No	No	http://kns.cnki.net/kcms/detail/11.1809.S.20171211.0856.024.html
WHEAT	Ledesma-Ramires, L.,Solís Moya, E., Ramirez-Pimentel, J.G., Dreisigacker, S., Huerta-Espino, J., Aguirre-Mancilla, C.L., Mariscal-Amaro, L.A.	Relationship between the number of partial resistance genes and the response to leaf rust in wheat genotypes	Chilean journal of agricultural research	No	Yes	https://doi.org/10.4067/S0718-58392018000300400
WHEAT	Singh, P.K.,Xinyao He, Sansaloni, C.P., Juliana, P., Dreisigacker, S., Duveiller, E., Kumar, U., Joshi, A.K., Singh, R.P.	Resistance to spot blotch in two mapping populations of common wheat is controlled by multiple QTL of minor effects	International Journal of Molecular Sciences	No	Yes	https://doi.org/10.3390/ijms19124054
WHEAT	Wood, S.A.,Baudron, F.	Soil organic matter underlies crop nutritional quality and productivity in smallholder agriculture	Agriculture, Ecosystems and Environment	No	Yes	https://doi.org/10.1016/j.agee.2018.07.025
WHEAT	Jat, M.L.,Singh, B., Stirling, C., Jat, H. S., Tetarwal, J. P., Jat, R.K., Singh, R., Lopez-Ridaura, S., Shirsath, P.B.	Soil processes and wheat cropping under emerging climate change scenarios in South Asia	Advances in Agronomy	No	Yes	https://doi.org/10.1016/bs.agron.2017.11.006
WHEAT	Gupta, P.K.,Chand, R., Vasistha, N.K., Pandey, S. P., Kumar, U., Vinod Kumar Mishra, Joshi, A.K.	Spot blotch disease of wheat : the current status of research on genetics and breeding	Plant Pathology	No	Yes	https://doi.org/10.1111/ppa.12781
WHEAT	Aili Li,Dengcai Liu, Wuyun Yang, Kishii, M., Long Mao	Synthetic hexaploid wheat : yesterday, today, and tomorrow	Engineering	No	Yes	https://doi.org/10.1016/j.eng.2018.07.001
WHEAT	Rasheed, A.,Ogbonnaya, F.C., Lagudah, E.S., Appels, R., He Zhonghu	The goat grass genome's role in wheat improvement	Nature Plants	No	Yes	https://doi.org/10.1038/s41477-018-0105-1
WHEAT	Sun Ru,Xue Han, Jie Pan, Wei Xiong, Ju Hui	The impact of 1.5°C and 2.0°C global warming on wheat production in China	Climate Change Research	No	No	https://doi.org/10.12006/j.issn.1673-1719.2018.090
WHEAT	Hayes, R.C.,Wang, S., Newell, M.T., Turner, K., Larsen, J., Gazza, L., Anderson, J.A., Bell, L.W., Cattani, D.J., Frels, K., Galassi, E., Morgounov, A.I., Revell, C.K., Thapa, D.B., Sacks, E.J., Sameri, M., Wade, L.J., Westerbergh, A.,Shamanin, V., Amanov, A., Li, G.D.	The performance of early-generation perennial winter cereals at 21 sites across four continents	Sustainability	No	Yes	https://doi.org/10.3390/su10041124
WHEAT	Mohammed, S.,Huggins, T. D., Beecher, F., Chick, C., Sengodon, P., Mondal, S., Paudel, A., Ibrahim, A. M. H., Tilley, M., Hays, D.B.	The role of leaf epicuticular wax in the adaptation of wheat (Triticum aestivum L.) to high temperatures and moisture deficit conditions	Crop Science	No	Yes	https://doi.org/10.2135/cropsci2017.07.0454

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WHEAT	Mottaleb, K.A.,Singh, P.K., Sonder, K., Kruseman, G., Tiwari, T.P., Barma, N.C.D., Malaker, P.K., Braun, H.J., Erenstein, O.	Threat of wheat blast to South Asia's food security : an ex-ante analysis	PLoS One	No	Yes	https://doi.org/10.1371/journal.pone.0197555
WHEAT	Hassan, M.A.,Mengjiao Yang, Rasheed, A., Xiuliang Jin, Xianchun Xia, Yonggui Xiao,He Zhonghu	Time-series multispectral indices from unmanned aerial vehicle imagery reveal senescence rate in bread wheat	Remote Sensing	No	Yes	https://doi.org/10.3390/rs10060809
WHEAT	Quintero, A.,Molero, G.,Reynolds, M.P.,Calderini, D.F.	Trade-off between grain weight and grain number in wheat depends on GxE interaction : a case study of an elite CIMMYT panel (CIMCOG)	European Journal of Agronomy	No	Yes	https://doi.org/10.1016/j.eja.2017.09.007
WHEAT	Bhatta, M.,Morgounov, A.I., Belamkar, V., Poland, J.A., Baenziger, P.S.	Unlocking the novel genetic diversity and population structure of synthetic Hexaploid wheat	BMC Genomics	No	Yes	https://doi.org/10.1186/s12864-018-4969-2
WHEAT	Lozada, D. N.,Mason, E.R., Sukumaran, S., Dreisigacker, S.	Validation of grain yield QTLs from soft winter wheat using a CIMMYT spring wheat panel	Crop Science	No	Yes	https://doi.org/10.2135/cropsci.2018.04.0232
WHEAT	Bezabih, M.,Adie, A., Ravi, D., Prasad, K.V.S.V., Jones, C., Abeyo Bekele Geleta, Tadesse, Z., Zegeye, H., Solomon, T.,Blummel, M.	Variations in food-fodder traits of bread wheat cultivars released for the Ethiopian highlands	Field Crops Research	No	Yes	https://doi.org/10.1016/j.fcr.2018.09.006
WHEAT	Cruz, C.D.,Singh, P., Cruppe, G., Santana, F.M., Todd, T.C., Calderon Daza, L., Rivadeneira Caballero, M.G., Singh, R.P.,Peterson, G.L., Braun, H.J., Valent, B.	Wheat blast management : host resistance and fungicide protection	Phytopathology	No	Yes	https://doi.org/10.1094/PHYTO-108-10-S1.240
WHEAT	Rasheed, A.,Mujeeb-Kazi, A.,Ogbonnaya, F.C.,He Zhonghu,Rajaram, S.	Wheat genetic resources in the post-genomics era : promise and challenges	Annals of Botany	No	Yes	https://doi.org/10.1093/aob/mcx148
WHEAT	Mottaleb, K.A.,Rahut, D. B.,Kruseman, G.,Erenstein, O.	Wheat production and consumption dynamics in an Asian rice economy : the Bangladesh Case	The European Journal of Development Research	No	Yes	https://doi.org/10.1057/s41287-017-0096-1
WHEAT	He Zhonghu,Zhuang Qiaosheng, Cheng Shun-He, Yu Zhenwen, Zhendong Zhao, Liu Xu	Wheat production and technology improvement in China	Journal of Agriculture	No	No	http://www.caaj.org/cjas/ch/in dex.aspx
WHEAT	Wulff, B.B.H.,Dhugga, K.	Wheat—the cereal abandoned by GM : genetic modification of wheat for disease resistance could help stabilize food production	Science	No	Yes	https://doi.org/10.1126/science.aat5119
WHEAT & CCAFS	Lopez-Ridaura, S.,Frelat, R.,Wijk, M.T. van.,Valbuena, D.,Krupnik, T.J.,Jat, M.L.	Climate smart agriculture, farm household typologies and food security: An ex-ante assessment from Eastern India	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2017.09.007
WHEAT & GENE BANKS	Crespo-Herrera, L.A.,Crossa, J., Huerta-Espino, J., Vargas, M., Mondal, S., Velu, G., Payne, T.S., Braun, H.J., Singh, R.P.	Genetic gains for grain yield in CIMMYT's semi-arid wheat yield trials grown in suboptimal environments	Crop Science	No	Yes	https://doi.org/10.2135/cropsci.2018.01.0017
WHEAT & GENE BANKS	Kumar, J.,Gautam Saripalli, Vijay Gahlaut, Neha Goel, Prabina Kumar Meher, Kaushlesh Kumar Mishra, Prafulla Chandra Mishra, Sehgal, D., Vikram, P., Sansaloni, C.P., Sukhwinder-Singh, Pradeep Kumar Sharma, Pushpendra Kumar Gupta	Genetics of Fe, Zn, β -carotene, GPC and yield traits in bread wheat (<i>Triticum aestivum</i> L.) using multi-locus and multi-traits GWAS	Euphytica	No	Yes	https://doi.org/10.1007/s10681-018-2284-2
WHEAT & GENE BANKS	Sukhwinder-Singh,Vikram, P., Sehgal, D., Burgueño, J., Sharma, A., Singh, S.K., Sansaloni, C.P., Joynson, R., Brabbs, T., Ortiz, C., Solís Moya, E., Velu, G., Gupta, N., Sidhu, H.S.,et al.	Harnessing genetic potential of wheat germplasm banks through impact-oriented-prebreeding for future food and nutritional security	Nature Scientific reports	Yes	Yes	https://doi.org/10.1038/s41598-018-30667-4

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WHEAT & GLDC	Druza, K.L.,Peveri, V.	Literature on gendered agriculture in Pakistan : neglect of women's contributions	Women's Studies International Forum	No	Yes	https://doi.org/10.1016/j.wsif.2018.02.007
WHEAT & RICE	Crain, J.L.,Mondal, S., Rutkoski, J., Singh, R.P., Poland, J.	Combining high-throughput phenotyping and genomic information to increase prediction and selection accuracy in wheat breeding	The Plant Genome	Yes	Yes	https://doi.org/10.3835/plantgenome2017.05.0043
WLE	Nakawuka, Prossie [IWMI]; Langan, S.; Schmitter, Petra [IWMI]; Barron, Jennie [IWMI]	A review of trends, constraints and opportunities of smallholder irrigation in East Africa	Global Food Security	No	Yes	https://doi.org/10.1016/j.gfs.2017.10.003
WLE	Bekchanov, Maksud [IWMI]; Ringler, C.; Bhaduri, A.	A water rights trading approach to increasing inflows to the Aral Sea	Land Degradation and Development	No	Yes	http://doi.org/10.1002/ldr.2394
WLE	Birhanu, Z B and Traoré, K and Gumma, M K and Badolo, F and Tabo, R and Whitbread, A M	A watershed approach to managing rainfed agriculture in the semiarid region of southern Mali: integrated research on water and land use	Environment, Development and Sustainability	Yes	Yes	http://oar.icrisat.org/10512/
WLE	Chinnasamy, Pennan [IWMI]; Maheshwari, B.; Prathapar, Sanmugam [IWMI]	Adaptation of standardised precipitation index for understanding watertable fluctuations and groundwater resilience in hard-rock areas of India	Environmental Earth Sciences	No	Yes	https://doi.org/10.1007/s12665-018-7734-6
WLE	Gebrezgabher, Solomie [IWMI]; Amewu, S.; Njenga, M.	Adoption and economic impact of briquettes as cooking fuel: the case of women fish smokers in Ghana		Yes	-	
WLE	Villholth Karen G. [IWMI]; Lopez-Gunn, E.; Conti, K.; Garrido, A.; Van Der Gun, J.	Advances in groundwater governance		Yes	-	
WLE	Dillon, P.; Pavelic, Paul [IWMI]; Nava, A. P.; Weiping, W.	Advances in multi-stage planning and implementing managed aquifer recharge for integrated water management	Sustainable Water Resources Management	Yes	No	https://doi.org/10.1007/s40899-018-0242-8
WLE	Falk, T and Kadiyala, M D M and Gumma, M K and Kumar, S and Whitbread, A M and Limberger, S and Bartels, L	Advancing knowledge on the costs and benefits of sustainable soil fertility management in Maharashtra and Madhya Pradesh /India.		Yes	No	http://oar.icrisat.org/10691/
WLE	Mateo-Sagasta, Javier [IWMI]; Turral, H.	Agricultural pollution sources and pathways		Yes	-	
WLE	Li, Man; Xu, Wenchao; and Zhu, Tingju.	Agricultural water allocation under uncertainty: Redistribution of water shortage risk	American Journal of Agricultural Economics	Yes	Yes	https://doi.org/10.1093/ajae/aya058
WLE	Gebrezgabher, Solomie [IWMI]; Taron, A.; Odero, J.; Njenga, M.	An assessment of the business environment for waste-to-energy enterprises and how it affects women entrepreneurs in Kenya		Yes	-	
WLE	Negussie A, Gebrehiwot K, Yohannes M, Aynekulu E, Manjur B, L Norgrove L.	An exploratory survey of long horn beetle damage on the dryland flagship tree species <i>Boswellia papyrifera</i> (Del.) Hochst	Journal of Arid Environments	No	Yes	https://doi.org/10.1016/j.jaride.2018.01.011
WLE	Kadyampakeni, Davie [IWMI]; Appoh, Richard [IWMI]; Barron, Jennie [IWMI]; Boaky-Acheampong, Enoch [IWMI]	Analysis of water quality of selected irrigation water sources in northern Ghana	Water Science and Technology: Water Supply	No	Yes	https://doi.org/10.2166/ws.2017.195
WLE	Yoshimoto, Shuhei [IWMI]; Amarnath, Giriraj [IWMI]	Application of a flood inundation model to analyze the potential impacts of a flood control plan in Mundeni Aru River Basin, Sri Lanka	Natural Hazards	No	Yes	https://doi.org/10.1007/s11069-017-3143-5
WLE	Lazurko, Anita [IWMI]	Assessing the value of resource recovery and reuse: social, environmental and economic costs and benefits for value creation and human well-being		Yes		https://doi.org/10.5337/2018.229

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WLE	Addisie, M. B.; Langendoen, E. J.; Aynalem, D. W.; Ayele, G. K.; Tilahun, S. A.; Schmitter, Petra [IWMI]; Mekuria, Wolde [IWMI]; Moges, M. M.; Steenhuis, T. S	Assessment of practices for controlling shallow valley-bottom gullies in the sub-humid Ethiopian Highlands	Water	Yes	Yes	https://doi.org/10.3390/w10040389
WLE	Acheampong, D.; Balana, Bedru B. [IWMI]; Nimoh, F.; Abaidoo, R. C.	Assesing the effectiveness and impact of agricultural water management interventions: the case of small reservoirs in northern Ghana	Agricultural Water Management	No	Yes	https://doi.org/10.1016/j.agwat.2018.07.009
WLE	Gebrezgabher, Solomie [IWMI]; Rao, Krishna C. [IWMI]	Bio-ethanol and chemical products from agro and agro-industrial waste - Business Model 9		No	-	
WLE	Rao, Krishna C. [IWMI]; Gebrezgabher, Solomie [IWMI]	Biogas from fecal sludge at community level - Business Model 3		No	-	
WLE	Rao, Krishna C. [IWMI]; Gebrezgabher, Solomie [IWMI]	Biogas from kitchen waste - Business Model 4		No	-	
WLE & PIM	Wyckhuys, K. A. G.; Zhang, Wei; Prager, S. D.; Kramer, D.B.; Delaquis, E.; Gonzales, C.E.; and van der Werf, W.	Biological control of an invasive pest eases pressures on global commodity markets	Environmental Research Letters	Yes	Yes	https://doi.org/10.1088/1748-9326/aad8f0
WLE	Rao, Krishna C. [IWMI]; Gebrezgabher, Solomie [IWMI]	Briquettes from agro waste - Business Model 1		No	-	
WLE	Rao, Krishna C. [IWMI]; Gebrezgabher, Solomie [IWMI]	Briquettes from municipal solid waste - Business Model 2		No	-	
WLE	Otoo, Miriam [IWMI]; Lefore, Nicole [IWMI]; Schmitter, Petra [IWMI]; Barron, Jennie [IWMI]; Gebregziabher, Gebrehaweria [IWMI]	Business model scenarios and suitability: smallholder solar pump-based irrigation in Ethiopia		Yes		https://doi.org/10.5337/2018.207
WLE	Drechsel, Pay [IWMI]; Otoo, Miriam [IWMI]; Rao, Krishna C. [IWMI]; Hanjra, Munir A. [IWMI]	Business models for a circular economy: introduction - Section I		Yes	-	
WLE	Drechsel, Pay [IWMI]; Otoo, Miriam [IWMI]; Rao, Krishna C. [IWMI]; Hanjra, Munir A. [IWMI]	Business models for a circular economy: linking waste management and sanitation with agriculture		No	-	
WLE	Eriyagama, Nishadi [IWMI]; Smakhtin, V.; Udamulla, L.	Centralized versus distributed reservoirs: an investigation of their implications on environmental flows and sustainable water resources management	Proceedings of the International Association of Hydrological Sciences	Yes	No	https://doi.org/10.5194/piahs-379-43-2018
WLE	Rice, J.; Rodríguez Osuna, V.; Zaccagnini, M.E.; Bennet, E.; Buddo, D.; Estrada-Carmona, N.; Garbach, K.; Vogt, N.; Barral, M.P.	Chapter 1: Setting the scene		Yes		https://hdl.handle.net/10568/99092
WLE	Keovilignavong, O.; Suhardiman, Diana [IWMI]	Characterizing private investments and implications for poverty reduction and natural resource management in Laos	Development Policy Review	No	Yes	-
WLE	Hanjra, Munir A. [IWMI]; Drechsel, Pay [IWMI]	Cities as their own downstream user (Towards managed aquifer recharge) - Business Model 21		No	-	
WLE	Mpandeli, S. [NARS]; Naidoo, D. [NARS]; Mabhaudhi, T. [NARS]; Nhemachena, Charles [IWMI]; Nhamo, Luxon [IWMI]; Liphadzi, S. [NARS]; Hlahla, S. [NARS]; Modi, A. T. [NARS]	Climate change adaptation through the water-energy-food nexus in southern Africa	International Journal of Environmental Research and Public Health	Yes	Yes	https://doi.org/10.3390/ijerph15102306
WLE	Gebrezgabher, Solomie [IWMI]; Rao, Krishna C. [IWMI]	Combined heat and power from agro-industrial waste for on-and off-site use - Business Model 8		No	-	

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WLE	Otoo, Miriam [IWMI]; Hanjra, Munir A. [IWMI]	Compost production for sustainable sanitation service delivery - Business Model 14		No	-	
WLE	Jayashree, B	Contour bunding preserves soils and boosts farmers' incomes by 20% in Mali		No	No	http://oar.icrisat.org/10839/
WLE	Drechsel, Pay [IWMI]	Corporate social responsibility (CSR) as driver of change - Business Model 22		No	-	
WLE	Yalew, S. G.; Pilz, T.; Schweitzer, C.; Liersch, S.; van der Kwast, J.; van Griensven, A.; Mul, Marloes L. [IWMI]; Dickens, Chris [IWMI]; van der Zaag, P.	Coupling land-use change and hydrologic models for quantification of catchment ecosystem services	Environmental Modelling and Software	No	Yes	https://doi.org/10.1016/j.envsoft.2018.08.029
WLE	Whitney C W, Luedeling E, Tabuti J R S, Nyamukuru A, Hensel O, Gebauer J, Kehlenbeck K.	Crop diversity in homegardens of southwest Uganda and its importance for rural livelihoods	Agriculture and Human Values	No	Yes	http://doi.org/10.1007/s10460-017-9835-3
WLE	Otoo, Miriam [IWMI]; Gebrezgabher, Solomie [IWMI]; Drechsel, Pay [IWMI]; Rao, Krishna C. [IWMI]; Fernando, Sudarshana [IWMI]; Pradhan, S. K.; Hanjra, Munir A. [IWMI]; Qadir, M.; Winkler, M.	Defining and analysing RRR business cases and models		No	-	
WLE	Munyaradzi, C.; Nhamo, Luxon [IWMI]	Dynamics of crop production in a heterogeneous landscape: what are the opportunities for enhancing communal farmers' resilience to climate change impacts?		No	-	
WLE	Marshall, F.; Dolley, J.; Bisht, R.; Priya, R.; Waldman, L.; Amerasinghe, Priyane [IWMI]; Randhawa, P.	Ecosystem services and poverty alleviation in urbanising contexts		Yes	-	
WLE	Demelash, Nigus; Zucca, Claudio; Strohmeier, Stefan; Ziadat, Feras M.; Bayu, Wondimu; Ayalew, Baye; Klik, Andreas; Tefera, Meron.	Effect of nitrogen fertilizer rate and timing on sorghum productivity in Ethiopian highland Vertisols	Archives of Agronomy and Soil Science	No	Yes	https://hdl.handle.net/10568/98213
WLE	Woldetsadik, D. [NARS]; Drechsel, Pay [IWMI]; Marschner, B.; Itanna, F. [NARS]; Gebrekidan, H. [NARS]	Effect of biochar derived from faecal matter on yield and nutrient content of lettuce (<i>Lactuca sativa</i>) in two contrasting soils	Environmental Systems Research	Yes	No	https://doi.org/10.1186/s40068-017-0082-9
WLE	Magombeyi, M. S.; Taigbenu, A. E.; Barron, J.	Effectiveness of agricultural water management technologies on rainfed cereals crop yield and runoff in semiarid catchment: a meta-analysis,	International Journal of Agricultural Sustainability	No	Yes	https://hdl.handle.net/10568/97572
WLE	Djumaboev, Kakhramon [IWMI]; Yuldashev, T.	Effects of improving water use efficiency on water and energy savings in lift irrigated areas, Zafarabad district, Tajikistan [In Russian]		No	-	
WLE	Di Mario, L.; Rao, Krishna C. [IWMI]; Drechsel, Pay [IWMI]	Enabling environment and financing - Section V		Yes	-	
WLE	Felgenhauer, Katharina [IWMI]	Enabling private sector investment in large scale wastewater treatment - Business Models 19		No	-	
WLE	Rao, Krishna C. [IWMI]; Gebrezgabher, Solomie [IWMI]	Energy recovery from organic waste - Section II		Yes	-	
WLE	Chinnasamy, Pennan [IWMI]; Maheshwari, B.; Dillon, P.; Purohit, R. [NARS]; Dashora, Y. [NARS]; Soni, P. [NARS]; Dashora, R. [NARS]	Estimation of specific yield using water table fluctuations and cropped area in a hardrock aquifer system of Rajasthan, India	Agricultural Water Management	No	Yes	https://doi.org/10.1016/j.agwat.2018.02.016

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WLE	Mondal, Md. Hossain Alam; Bryan, Elizabeth; Ringler, Claudia; Mekonnen, Dawit Kelemework; and Rosegrant, Mark W.	Ethiopian energy status and demand scenarios: Prospects to improve energy efficiency and mitigate GHG emissions	Energy	Yes	Yes	https://doi.org/10.1016/j.energ.2018.02.067
WLE	Whitney, C. W., J. Bahati, and J. Gebauer	Ethnobotany and Agrobiodiversity; Valuation of Plants in the Homegardens of Southwestern Uganda	Ethnobiology Letters	Yes	Yes	http://doi.org/10.14237/eb1.9.2.2018.503
WLE	Passarelli, Simone; Mekonnen, Dawit Kelemework; Bryan, Elizabeth; and Ringler, Claudia.	Evaluating the pathways from small-scale irrigation to dietary diversity: Evidence from Ethiopia and Tanzania	Food Security	Yes	Yes	https://doi.org/10.1007/s12571-018-0812-5
WLE	Woldetsadik, D. [NARS]; Drechsel, Pay [IWMI]; Keraita, B.; Itanna, F. [NARS]; Gebrekidan, H. [NARS]	Farmers' perceptions on irrigation water contamination, health risks and risk management measures in prominent wastewater-irrigated vegetable farming sites of Addis Ababa, Ethiopia	Environment Systems and Decisions	No	No	https://doi.org/10.1007/s10669-017-9665-2
WLE	Ichami S, Shepherd K, Sila A, Stoorvogel J., Hoffland E.	Fertilizer response and nitrogen use efficiency in African smallholder maize farms	Nutr Cycl Agroecosyst	Yes	Yes	https://doi.org/10.1007/s10705-018-9958-y
WLE	Anarbekov, Oytur [IWMI]; Solieva, G. N. U.	Financial/economic incentives to support water savings and water productivity improvements in Uzbekistan [Abstract only]		No	-	
WLE	Lazurko, Anita [IWMI]; Drechsel, Pay [IWMI]; Hanjra, M. A.	Financing resource recovery and reuse in developing and emerging economies: enabling environment, financing sources and cost recovery		Yes		https://doi.org/10.5337/2018.2.20
WLE	Tomich, T. P.; Lidder, P.; Coley, M.; Gollin, D.; Meinen-Dick, R.; Webb, P.; Carberry, P.	Food and agricultural innovation pathways for prosperity	Agricultural Systems	Yes	Yes	https://hdl.handle.net/10568/91278
WLE	Karg, H.; Akoto-Danso, E. K.; Drechsel, Pay [IWMI]; Abubakari, A.-H.; Buerkert, A.	Food- and feed-based nutrient flows in two West African cities	Nutrient Cycling in Agroecosystems	No	Yes	https://doi.org/10.1007/s10705-018-9944-4
WLE	Drechsel, Pay [IWMI]; Karg, H.	Food flows and waste: planning for the dirty side of urban food security		Yes	-	
WLE	CGIAR Research Program on Water, Land and Ecosystems (WLE)	Gender-equitable pathways to achieving sustainable agricultural intensification		Yes		https://hdl.handle.net/10568/91012
WLE	Mateo-Sagasta, Javier [IWMI]; Turrall, H.; Burke, J.	Global drivers of water pollution from agriculture		Yes	-	
WLE	Puri, S.; Villholth Karen G. [IWMI]	Governance and management of transboundary aquifers		No	-	
WLE	Firbank, L.G.; Attwood, S.; Eory, V.; Gadanakis, Y.; Lynch, J.M.; Sonnino, R.; Takahashi, T.	Grand challenges in sustainable intensification and ecosystem services	Frontiers in Sustainable Food Systems	Yes	No	https://hdl.handle.net/10568/96093
WLE	Guppy, L.; Uyttendaele, P.; Villholth, Karen G. [IWMI]; Smakhtin, V.	Groundwater and sustainable development goals: analysis of interlinkages. Hamilton, Canada: United Nations University Institute for Water, Environment and Health (UNU-INWEH)		Yes	-	
WLE	Balasubramanya, Soumya [IWMI]; Horbulyk, Theodore M. [IWMI]	Groundwater arsenic in Bangladesh: what's new for policy research?	Water Policy	No	Yes	https://doi.org/10.2166/wp.2017.041
WLE	Villholth Karen G. [IWMI]; Conti, K. I.	Groundwater governance: rationale, definition, current state and heuristic framework		No	-	
WLE	Pavelic, Paul [IWMI]; Johnston, Robyn [IWMI]; McCartney, Matthew [IWMI]; Lacombe, Guillaume [IWMI]; Sellamuttu, Sonali Senaratna [IWMI]	Groundwater resources in the dry zone of Myanmar: a review of current knowledge		No	-	

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WLE	Pierret, A.; Lacombe, Guillaume [IWMI]	Hydrologic regulation of plant rooting depth: Breakthrough or observational conundrum?	Proceedings of the National Academy of Sciences of the United States of America	Yes	Yes	https://doi.org/10.1073/pnas.1801721115
WLE	Balasubramanya, Soumya [IWMI]; Price, Joseph P. G. [IWMI]; Horbulyk, Theodore M. [IWMI]	Impacts assessments without true baselines: assessing the relative effects of training on the performance of water user associations in southern Tajikistan	Water Economics and Policy	Yes	No	https://doi.org/10.1142/S2382624X18500078
WLE	Zhang, Xiao; Li, Hong-Yi; Deng, Zhiqun Daniel; Ringler, Claudia; Gao, Yang; Hejazi, Mohamad I.; and Leung, L. Ruby.	Impacts of climate change, policy and Water-Energy-Food nexus on hydropower development	Renewable Energy	No	Yes	https://doi.org/10.1016/j.renene.2017.10.030
WLE	Tang, Xue-juan; Xu, Li-jun; Pang, Huan-cheng; Yang, Yunhui; Wang, Di; Li, Da; Bai, Keyu	Impacts of nitrogen application and legume-grass mixed planting on grassland community and soil respiration	Chinese Journal of Ecology	Yes	Yes	https://hdl.handle.net/10568/96527
WLE	Nhamo, Luxon [IWMI]; van Dijk, R.; Magidi, J. [NARS]; Wiberg, David [IWMI]; Tshikolomo, K. [NARS]	Improving the accuracy of remotely sensed irrigated areas using post-classification enhancement through UAV [Unmanned Aerial Vehicle] capability	Remote Sensing	Yes	Yes	http://doi.org/10.3390/rs10050712
WLE	Walker, D.; Parkin, G.; Schmitter, Petra [IWMI]; Gowing, J.; Tilahun, S. A.; Haile, Alemseged T. [IWMI]; Yimam, A. Y.	Insights from a multi-method recharge estimation comparison study	Groundwater	Yes	Yes	https://doi.org/110.1111/gwat.12801
WLE	Erkossa, Teklu; Williams, Timothy O.; Laekemariam, F.	Integrated soil, water and agronomic management effects on crop productivity and selected soil properties in Western Ethiopia	International Soil and Water Conservation Research	Yes	Yes	https://hdl.handle.net/10568/97170
WLE	Del Rio, T.; Groot, J.C.J.; DeClerck, F.; Estrada-Carmona, N.	Integrating local knowledge and remote sensing for eco-type classification map in the Barotse Floodplain, Zambia	Data in Brief	Yes	Yes	https://hdl.handle.net/10568/99382
WLE	Vollmer, D.; Shaad, K.; Souter, N. J.; Farrell, T.; Dudgeon, D.; Sullivan, C. A.; Fauconnier, I.; MacDonald, G. M.; McCartney, Matthew P. [IWMI]; Power, A. G.; McNally, A.; Andelman, S. J.; Capon, T.; Devineni, N.; Apirumanekul, C.; Nam Ng, C.; Shaw, M. R.; Wang, R. Y.; Lai, C.; Wang, Z.; Regan, H. M.	Integrating the social, hydrological and ecological dimensions of freshwater health: the freshwater health index	Science of the Total Environment	Yes	Yes	https://doi.org/110.1016/j.scitotenv.2018.01.040
WLE	Mendum, R.; Njenga, M.	Integrating wood fuels into agriculture and food security agendas and research in sub-Saharan Africa	Facets	Yes	Yes	https://hdl.handle.net/10568/90550
WLE	Ribolzi, O.; Lacombe, Guillaume [IWMI]; Pierret, A.; Robain, H.; Sounyafong, P.; de Rouw, A.; Soulieth, B.; Mouche, E.; Huon, S.; Silvera, N.; Latxachak, K. O.; Sengtaheuanghoung, O.; Valentin, C.	Interacting land use and soil surface dynamics control groundwater outflow in a montane catchment of the lower Mekong basin	Agriculture, Ecosystems and Environment	No	Yes	https://doi.org/110.1016/j.agee.2018.09.005
WLE	Drechsel, Pay [IWMI]; Hanjra, Munir A. [IWMI]	Inter-sectoral water exchange - Business Model 20		No	-	
WLE	Hanjra, Munir A. [IWMI]; Wichelns, D.; Drechsel, Pay [IWMI]	Investing in water management in rural and urban landscapes to achieve and sustain global food security		No	-	
WLE	van Koppen, Barbara [IWMI]; Tapela, B. N.; Mapedza, Everisto [IWMI]	Joint ventures in the Flag Boshielo Irrigation Scheme, South Africa: a history of smallholders, states and business		Yes		https://doi.org/10.5337/2018.202

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WLE	Shah, Tushaar [IWMI]	Kick-starting the Kisan Urja Suraksha evam Utthaan Mahabhiyan	Economic and Political Weekly	No	No	-
WLE	Torou, Bio Mohamadou [IWMI]; Debevec, Liza [IWMI]; Da, D. E. C. [NARS]	La difficile territorialisation de la gestion de l'eau au Burkina Faso: une lecture au filtre de la theorie de la proximite. In French. [Challenging territorialization of water management in Burkina Faso: analysis through the framework of proximity]	Developpement Durable et Territoires	Yes	Yes	http://doi.org/10.4000/developementdurable.12046
WLE	Otoo, Miriam [IWMI]; Hanjra, Munir A. [IWMI]	Large-scale composting for revenue generation - Business Model 12		No		-
WLE	Drechsel, Pay [IWMI]; Hanjra, Munir A. [IWMI]	Leapfrogging the value chain through aquaculture - Business Model 18		No		-
WLE	Mondal, Md. Hossain Alam; Ringler, Claudia; Al-Riffai, Perrihan; EIDidi, Hagar; Breisinger, Clemens; and Wiebelt, Manfred	Long-term optimization of Egypt's power sector: Policy implications	Energy	Yes	Yes	https://doi.org/10.1016/j.energy.2018.10.158
WLE	Otoo, Miriam [IWMI]; Gebrezgabher, Solomie [IWMI]; Danso, G.; Amewu, Sena [IWMI]; Amirova, Iroda [IWMI]	Market adoption and diffusion of fecal sludge-based fertilizer in developing countries: crosscountry analyses		Yes		https://doi.org/10.5337/2018.228
WLE	Ringler, C.; Choufani, J.; Chase, C.; McCartney, Matthew [IWMI]; Mateo-Sagasta, Javier [IWMI]; Mekonnen, D.; Dickens, Chris [IWMI]	Meeting the nutrition and water targets of the Sustainable Development Goals: achieving progress through linked interventions		Yes		https://doi.org/10.5337/2018.221
WLE	Mokria, M.; Mekuria, W.; Gebrekirstos, A.; Aynekulu, E.; Belay, B.; Gashaw. T.; Brauning, A.	Mixed-species allometric equations and estimation of aboveground biomass and carbon stocks in restoring degraded landscape in northern Ethiopia	Environmental Research Letters	Yes	Yes	https://hdl.handle.net/10568/99332
WLE	Abraha H, Birhane E, Zenebe A, Hagos H, Girma A, Aynekulu E, Alemie A.	Modeling the impacts of climate change and cochineal (Dactylopius coccus Costa) invasion on the future distribution of cactus pear (Opuntia ficus-indica (L.) Mill.) in Northern Ethiopia	JPACD	Yes	Yes	No doi
WLE	Gumma, M K and Thenkabail, P S and Teluguntla, P and Whitbread, A M	Monitoring of Spatiotemporal Dynamics of Rabi Rice Fallows in South Asia Using Remote Sensing. In: Geospatial Technologies in Land Resources Mapping, Monitoring and Management		No	No	http://oar.icrisat.org/10867/
WLE	Dickens, Chris [IWMI]; Cox, A.; Johnston, Robyn [IWMI]; Henderson, D.; Henderson, PJ; Shinde, V.	Monitoring the health of the Greater Mekong's Rivers. Vientiane, Laos: CGIAR Research Program on Water, Land and Ecosystems (WLE)		No		-
WLE	Ocampo, John A., Forero Pinto, Luis E., Macdougall, John M.	Morphological Analysis Reveals a New Species of Passiflora Subgenus Decaloba (Passifloraceae): Passiflora quimbayensis, an Endemic Species from Colombia	Systematic Botany	No	Yes	http://doi.org/10.1600/036364418X696923
WLE	Otoo, Miriam [IWMI]	Nutrient and organic matter recovery - Section III		Yes		-
WLE	Otoo, Miriam [IWMI]	Nutrient and organic matter recovery: an overview of presented business cases and models		No		-
WLE	Otoo, Miriam [IWMI]; Hanjra, Munir A. [IWMI]	Nutrient recovery from own agro-industrial waste - Business Model 13		No		-

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WLE	Mateo-Sagasta, Javier [IWMI]; Albers, J.	On-farm and off-farm responses		Yes	-	
WLE	Yadav, R.K.; Gurung, R.; Dhakal, R.; Gautam, S.; Adhikari, A.R.; Ghimire, K.H.; Sthapit, B.R.	On-farm diversity assessment and evaluation of finger millet genotypes in the mid-hills of Nepal	Journal of Aridland Agriculture,	Yes	No	-
WLE	Drechsel, Pay [IWMI]; Keraita, B.	On-farm practices for the safe use of wastewater in urban and peri-urban horticulture: a training handbook for farmer field schools in Sub-Saharan Africa		No	-	
WLE	Matthews, N.; McCartney, Matthew [IWMI]	Opportunities for building resilience and lessons for navigating risks: dams and the water energy food nexus	Environmental Progress and Sustainable Energy	No	Yes	https://doi.org/10.1002/ep.12568
WLE	Atieno, Mary; Lesueur, Didier	Opportunities for improved legume inoculants: enhanced stress tolerance of rhizobia and benefits to agroecosystems	Symbiosis	No	Yes	https://doi.org/10.1007/s13199-018-0585-9
WLE	Bhatti, Muhammad Tousif [IWMI]; Balkhair, K. S.; Masood, A.; Sarwar, S. [NARS]	Optimized shifts in sowing times of field crops to the projected climate changes in an agro-climatic zone of Pakistan	Experimental Agriculture	No	Yes	http://doi.org/10.1017/S0014479716000156
WLE	Zandaryaa, S.; Mateo-Sagasta, Javier [IWMI]	Organic matter, pathogens and emerging pollutants		Yes	-	
WLE	Buijs, J.; Drechsel, Pay [IWMI]; Otoo, Miriam [IWMI]	Outsourcing fecal sludge treatment to the farm - Business Model 15		No	-	
WLE	Anwar, Arif A. [IWMI]; Bhatti, Muhammad Tousif [IWMI]	Pakistan's Water Apportionment Accord of 1991: 25 years and beyond	Journal of Water Resources Planning and Management	Yes	Yes	https://doi.org/10.1061/(ASCE)WR.1943-5452.0000831
WLE	Hanjra, Munir A. [IWMI]; Otoo, Miriam [IWMI]	Partially subsidized composting at district level - Business Model 10		No	-	
WLE	Garcia, Edwin; Siles, Pablo; Eash, Lisa; Van der hoek, Rein; Kearney, Sean P.; Smukler, Sean M. & Fonte, Steven J.	Participatory Evaluation of Improved Grasses and Forage Legumes for Smallholder Livestock Production in Central America	Experimental Agriculture	No	Yes	http://doi.org/10.1017/S0014479718000364
WLE	Drechsel, Pay [IWMI]; Danso, G. K.; Hanjra, Munir A. [IWMI]	Phosphorus recovery from wastewater at scale - Business Model 16		No	-	
WLE	Schuenemann, Franziska; Msangi, Siwa; Zeller, Manfred.	Policies for a sustainable biomass energy sector in Malawi: Enhancing energy and food security simultaneously	World Development	No	Yes	https://hdl.handle.net/10568/99448
WLE	Mateo-Sagasta, Javier [IWMI]; Turral, H.	Policy responses		Yes	-	
WLE	O'Hara, C.; Clement, Floriane [IWMI]	Power as agency: a critical reflection on the measurement of women's empowerment in the development sector	World Development	No	Yes	https://doi.org/10.1016/j.worlddev.2018.02.002
WLE	Rao, Krishna C. [IWMI]; Gebrezgabher, Solomie [IWMI]	Power from agro-waste - Business Model 6		No	-	
WLE	Rao, Krishna C. [IWMI]; Parthan, B.; Doshi, K.	Power from agro-waste for the grid (Greenko, Koppal, India)		No	-	
WLE	Gebrezgabher, Solomie [IWMI]; Rao, Krishna C. [IWMI]	Power from manure - Business Model 5		No	-	
WLE	Rao, Krishna C. [IWMI]; Gebrezgabher, Solomie [IWMI]	Power from municipal solid waste - Business Model 7		No	-	
WLE	Horbulyk, Ted [IWMI]; Price, Joseph P. G. [IWMI]	Pricing Reforms for Sustainable Water Use and Management in the Philippines		Yes	-	

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WLE	Horbulyk, Ted [IWMI]; Price, Joseph P. G. [IWMI]	Pricing reforms for sustainable water use and management in Vietnam. Geneva, Switzerland: United Nations Environment Programme (UNEP)		Yes	-	
WLE	Hofstra, N.; Vermeulen, L. C.; Derx, J.; Florke, M.; Mateo-Sagasta, Javier [IWMI]; Rose, J.; Medema, G.	Priorities for developing a modelling and scenario analysis framework for waterborne pathogen concentrations in rivers worldwide and consequent burden of disease	Current Opinion in Environmental Sustainability	No	Yes	https://doi.org/10.1016/j.cosust.2018.10.002
WLE	Wafula J, Karimjee Y, Tamba Y, Malava G, Muchiri C, Koeh G, Leeuw J, Nyongesa J, Shepherd K, Luedeling E.	Probabilistic Assessment of Investment Options in Honey Value Chains in Lamu County, Kenya	Frontiers in applied mathematics and statistics	No	No	https://doi.org/10.3389/fams.2018.00006
WLE	Mabhaudhi, T. [NARS]; Mpandeli, S. [NARS]; Nhamo, Luxon [IWMI]; Chimonyo, V. G. P. [NARS]; Nhemachena, Charles [IWMI]; Senzanje, A.; Naidoo, D. [NARS]; Modi, A. T. [NARS]	Prospects for improving irrigated agriculture in Southern Africa: linking water, energy and food	Water	Yes	Yes	https://doi.org/10.3390/w10121881
WLE	Yang, Jie; Yang, Y.C. Ethan; Khan, Hassaan F.; Xie, Hua; Ringler, Claudia	Quantifying the sustainability of water availability for the water-food-energy-ecosystem nexus in the Niger River Basin	Earth's Future	Yes	Yes	https://doi.org/10.1029/2018EF000923
WLE	Gauchan, D.; Joshi, B.K.; Ghimire, K.H.; Poudyal, K.; Sapkota, S.; Sharma, S.; Dangol, D.M.S.; Khatriwada, S.; Gautam, S.; Sthapit, S.	Rebuilding local seed system and safeguarding conservation of agrobiodiversity in the aftermath of Nepal 2015 earthquake		Yes	No	https://hdl.handle.net/10568/98323
WLE	Njenga, M.; Mendum, R.	Recovering bioenergy in Sub-Saharan Africa: gender dimensions, lessons and challenges		Yes		https://doi.org/10.5337/2018.226
WLE	Rao, Krishna C. [IWMI]; Gebrezgabher, Solomie [IWMI]	Recovering energy from waste: an overview of presented business cases and models		No	-	
WLE	Viossanges, Mathieu [IWMI]; Pavelic, Paul [IWMI]; Rebelo, Lisa-Maria [IWMI]; Lacombe, Guillaume [IWMI]; Sotoukee, Touleelor [IWMI]	Regional mapping of groundwater resources in data-scarce regions: the case of Laos	Hydrology	Yes	No	https://doi.org/10.3390/hydrology5010001
WLE	Otoo, Miriam [IWMI]; Drechsel, Pay [IWMI]	Resource recovery from waste: business models for energy, nutrient and water reuse in low- and middle-income countries		Yes	-	
WLE	Hanjra, Munir A. [IWMI]; Lydecker, M.; Drechsel, Pay [IWMI]; Paul, Johannes [IWMI]	Rural-urban food and nutrient dynamics and nutrient recovery from waste in developing countries		No	-	
WLE	Hurtado-Salazar, Alejandro, Pereira da Silva, Danielle Fabiola, Ceballos-Aguirre, Nelson., Ocampo, John, Bruckner, Claudio Horst	Salinity tolerance of Passiflora tarminiana Coppens & Barney = Tolerancia a la salinidad de Passiflora tarminiana Coppens & Barney	Revista Colombiana de Ciencias Horticolas	No	No	https://doi.org/10.17584/rcch.2018v12i1.7335
WLE	Mateo-Sagasta, Javier [IWMI]; Albers, J.	Salts		Yes	-	
WLE	Song, Lian; Guanter, Luis; Guan, Kaiyu; You, Liangzhi; Huete, Alfredo; Ju, Weimin; Zhang, Yongguang	Satellite sun-induced chlorophyll fluorescence detects early response of winter wheat to heat stress in the Indian Indo-Gangetic Plains	Global Change Biology.	No	Yes	https://hdl.handle.net/10568/98400
WLE	Mateo-Sagasta, Javier [IWMI]; Albers, J.	Sediment		Yes	-	
WLE	Mateo-Sagasta, Javier [IWMI]; Zadeh, S. M.; Unver, O.; De Souza, M.; Turrall, H.; Burke, J.	Setting the scene		Yes	-	

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WLE	Biazin, B.; Hailelassie, Amare [IWMI]; Zewdie, T.; Mekasha, Y.; Gebremedhin, B.; Fekadu, A.; Shewage, T.	Smallholders' avocado production systems and tree productivity in the southern highlands of Ethiopia	Agroforestry Systems	No	Yes	https://doi.org/10.1007/s10457-016-0020-2
WLE	Osei A, Kimaro A, Peak D, Gillespie A, Van Rees K.	Soil carbon stocks in planted woodlots and Ngitili systems in Shinyanga, Tanzania. Agroforest Syst (2018) 92: 251.	Agroforest Syst	No	Yes	https://doi.org/10.1007/s10457-016-0028-7
WLE	Nijbroek, Ravic, Piikki, Kristin, Söderström, Mats, Kempen, Bas, Turner, Katrine, Hengari, Simeon, Mutua, John.	Soil Organic Carbon Baselines for Land Degradation Neutrality: Map Accuracy and Cost Tradeoffs with Respect to Complexity in Otjondjupa	Sustainability	Yes	Yes	https://hdl.handle.net/10568/92826
WLE	Margenot, Andrew J., Sommer, Rolf, and Parikh, Sanjai J.	Soil Phosphatase Activities across a Liming Gradient under Long-Term Managements in Kenya	Soil Science Society of America Journal	No	Yes	https://doi.org/10.2136/sssai2017.12.0420
WLE	Bünemann, Else K.; Bongiorno, Giulia; Bai, Zhanguo; Creamer, Rachel E.; De Deyn, Gerlinde; Goede, et al.	Soil quality – A critical review	Soil Biology and Biochemistry	Yes	Yes	https://doi.org/10.1016/j.soilbio.2018.01.030
WLE	Otoo, Miriam [IWMI]; Hanjra, Munir A. [IWMI]	Subsidy-free community-based composting - Business Model 11		No	-	-
WLE	Schmitter, Petra [IWMI]; Kibret, K. S.; Lefore, Nicole [IWMI]; Barron, Jennie [IWMI]	Suitability mapping framework for solar photovoltaic pumps for smallholder farmers in sub-Saharan Africa	Applied Geography	Yes	Yes	https://doi.org/10.1016/j.apgeog.2018.02.008
WLE	Enahoro, Dolapo; Mason-D'Croz, Daniel; Mul, Marloes; Rich, Karl M.; Robinson, Timothy P.; Thornton, Philip; and Staal, Steven S.	Supporting sustainable expansion of livestock production in South Asia and Sub-Saharan Africa: Scenario analysis of investment options	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2019.01.001
WLE	Reinhardt, J.; Liersch, S. [NARS]; Abdeladhim, M. A.; Diallo, M.; Dickens, Chris [IWMI]; Fournet, S.; Hattermann, F. F.; Kabaseke, C. [NARS]; Muhumuza, M. [NARS]; Mul, Marloes L. [IWMI]; Pilz, T.; Otto, I. M.; Walz, A.	Systematic evaluation of scenario assessments supporting sustainable integrated natural resources management: evidence from four case studies in Africa	Ecology and Society	Yes	Yes	https://doi.org/10.5751/ES-09728-230105
WLE	Blundo-Canto, G., Bax, V., Quintero, M., Cruz-Garcia, G. S., Groeneveld, R. A. and Perez-Marulanda, L.	The Different Dimensions of Livelihood Impacts of Payments for Environmental Services (PES) Schemes: A Systematic Review	Ecological Economics	Yes	Yes	https://doi.org/10.1016/j.ecolecon.2018.03.011
WLE	Bjornlund, Henning; Zuo, Alec; Wheeler, Sarah Ann; Parry, Karen; Pittock, Jamie; Mdemud, Makarius; Moyo, Martin.	The dynamics of the relationship between household decision-making and farm household income in small-scale irrigation schemes in southern Africa	Agricultural Water Management	Yes	Yes	https://hdl.handle.net/10568/97787
WLE	Shah, Tushaar [IWMI]	The economics of groundwater development and governance		No	-	-
WLE	Di Mario, L.; Rao, Krishna C. [IWMI]; Drechsel, Pay [IWMI]	The enabling environment and finance of resource recovery and reuse		No	-	-
WLE	de Silva, Sanjiv [IWMI]; Aheeyar, Mohamed [IWMI]; Arulingam, Indika [IWMI]; Manthirithilake, Herath [IWMI]	The new water: opportunities and challenges of the rise to prominence of groundwater in Sri Lanka in the face of socioeconomic and climatic change		No	-	-
WLE	Cobbing, J.	The North West dolomite aquifers, South Africa: a stalled opportunity for water security and development		Yes		https://doi.org/10.5337/2018.223
WLE	Suhardiman, Diana [IWMI]; Bastakoti, Ram C. [IWMI]; Karki, Emma [IWMI]; Bharati, Luna [IWMI]	The politics of river basin planning and state transformation processes in Nepal	Geoforum	No	Yes	https://doi.org/10.1016/j.geoforum.2018.07.019

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WLE	Karki, M.; Senaratna Sellamuttu, Sonali; Okayasu, S.; Suzuki, W.; Acosta, L. A.; Alhafedh, Y.; Anticamara, J. A.; Ausseil, A.-G.; Davies, K et al.	The regional assessment report on biodiversity and ecosystem services for Asia and the Pacific		Yes	-	
WLE	Xie, H.; Matranga, M.; Mateo-Sagasta, Javier [IWMI]; Alberts, J.	The role of models		Yes	-	
WLE	Nhamo, Luxon [IWMI]; Ndlela, B. [NARS]; Nhemachena, Charles [IWMI]; Mabhaudhi, T. [NARS]; Mpandeli, S. [NARS]; Matchaya, Greenwell [IWMI]	The water-energy-food nexus: climate risks and opportunities in southern Africa	Water	Yes	Yes	https://doi.org/10.3390/w10050567
WLE	Nijstena, G.-J.; Christelis, G. [NARS]; Villholth, Karen G. [IWMI]; Braune, E.; Gaye, B. C.	Transboundary aquifers of Africa: Review of the current state of knowledge and progress towards sustainable development and management	Journal of Hydrology: Regional Studies	Yes	No	https://doi.org/10.1016/j.ejrh.2018.03.004
WLE	Bjornlund, H and Parry, K and Pittcock, J and Stirzaker, R and Van Rooyen, A F and Moyo, M and Mdemu, M and de Sousa, W and Cheveia, E and Munguambe, P and Kimaro, E and Kissoly, L and Chilundo, M and Zuo, A and Ramshaw, P	Transforming smallholder irrigation into profitable and self-sustaining systems in southern Africa		Yes	No	http://oar.icrisat.org/10966/
WLE	Reddy, V. R. [NARS]; Pavelic, Paul [IWMI]; Hanjra, M. A.	Underground taming of floods for irrigation (UTFI) in the river basins of South Asia: institutionalising approaches and policies for sustainable water management and livelihood enhancement	Water Policy	No	Yes	https://doi.org/10.2166/wp.2017.150
WLE	Muthuwatta, Lal [IWMI]; Sood, A.; McCartney, Matthew [IWMI]; Silva, N. S.; Opere, A. [NARS]	Understanding the impacts of climate change in the Tana River Basin, Kenya	Proceedings of the International Association of Hydrological Sciences	Yes	No	https://doi.org/10.5194/piahs-379-37-2018
WLE	Anarbekov, Oytur [IWMI]; Khodjaev, S.	Use of innovative technologies for improving water accounting and financial viability of water consumer associations [Abstract only]		No	-	
WLE	Li, Yanrong; Wang, Jinxia; Huang, Jikun; Adhikari, Bihm; and You, Liangzhi.	Village-level supply reliability of groundwater irrigation in rural China: Effects of climate variables and tubewell density	China Agricultural Economic Review	Yes	Yes	https://hdl.handle.net/10568/98401
WLE	Akoto-Danso, E. K.; Karg, H.; Drechsel, Pay [IWMI]; Nyarko, G.; Buerkert, A.	Virtual water flow in food trade systems of two West African cities	Agricultural Water Management	No	Yes	https://doi.org/10.1016/j.agwat.2018.11.012
WLE	Hanjra, Munir A. [IWMI]; Rao, Krishna C. [IWMI]; Danso, G. K.; Amerasinghe, Priyane [IWMI]; Drechsel, Pay [IWMI]	Wastewater as a commodity driving change - Business Model 23		No	-	
WLE	Drechsel, Pay [IWMI]; Hanjra, Munir A. [IWMI]	Wastewater for agriculture, forestry and aquaculture - Section iv		Yes	-	
WLE	Drechsel, Pay [IWMI]; Hanjra, Munir A. [IWMI]	Wastewater for agriculture, forestry and aquaculture: an overview of presented business cases and models		No	-	
WLE	Drechsel, Pay [IWMI]; Hanjra, Munir A. [IWMI]	Wastewater for greening the desert - Business Models 17		No	-	
WLE	McCartney, Matthew [IWMI]	Water quantity and hydrology		No	-	
WLE	Aarnoudse, E.; Closas, Alvar [IWMI]; Lefore, Nicole [IWMI]	Water user associations: a review of approaches and alternative management options for Sub-Saharan Africa		Yes		https://doi.org/10.5337/2018.210

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WLE	Moges, M. A. [NARS]; Schmitter, Petra [IWMI]; Tilahun, S. A. [NARS]; Steenhuis, T. S.	Watershed modeling for reducing future non-point source sediment and phosphorus load in the Lake Tana Basin, Ethiopia	Journal of Soils and Sediments	No	Yes	https://doi.org/10.1007/s11368-017-1824-z
WLE	Rhebergen, T and Fairhurst, T and Whitbread, A M and Giller, K E and Zingore, S	Yield gap analysis and entry points for improving productivity on large oil palm plantations and smallholder farms in Ghana	Agricultural Systems	No	Yes	http://oar.icrisat.org/10683/
WLE & FTA	Lohbeck M, Winowiecki L, Aynekulu E, Okia C, Vågen T.	Trait-based approaches for guiding the restoration of degraded agricultural landscapes in East Africa	Journal of Applied Ecology	No	Yes	https://doi.org/10.1111/1365-2664.13017
WLE & PIM	Ringler, Claudia; Perez, Nicostrato D.; Anderson, Weston; Xie, Hua; You, Liangzhi	Can Sub-Saharan Africa feed itself? The role of irrigation development in the region's drylands for food security	Water International	No	Yes	https://doi.org/10.1080/02508060.2018.1516080
PIM	Yeboah, Felix Kwame; Jayne, Thomas S	(2018) Africa's Evolving Employment Trends	The Journal of Development Studies	No	Yes	https://doi.org/10.1080/00220388.2018.1430767
PIM	Mason-D'Croz, Daniel; Sulser, Timothy B.; Wiebe, Keith; Rosegrant, Mark W.; Lowder, Sarah K.; Nin-Pratt, Alejandro; Willenbockel, Dirk; Robinson, Sherman; Zhu, Tingju; Cenacchi, Nicola; Dunston, Shahnila; and Robertson, Richard D	Agricultural investments and hunger in Africa modeling potential contributions to SDG2 – Zero Hunger	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.12.006 . Available online 24 December 2018.
PIM	Diao, Xinshen; McMillan, Margaret S.; and Wangwe, Samuel	Agricultural labour productivity and industrialisation: Lessons for Africa	Journal of African Economies	No	Yes	https://doi.org/10.1093/iae/eix034
PIM	Haque, T; and Joshi, Pramod Kumar	Agricultural transformation in aspirational districts of India: Comparative analysis of districts in Bihar	Economic and Political Weekly	No	No	https://www.epw.in/journal/2018/51/review-rural-affairs/agricultural-transformation-aspirational.html
PIM	Rao, N Chandrasekhara; Bathla, Seema; Kumar, Anjani; and Jha, Girish K	Agriculture and sustainable development goals: An overview and issues	Agricultural Economics Research Review	No	No	http://dx.doi.org/10.5958/0974-0279.2018.00016.2
PIM	Godlonton, Susan; Hernandez, Manuel A.; and Murphy, Mike	Anchoring bias in recall data: Evidence from Central America	American Journal of Agricultural Economics	Yes	Yes	https://doi.org/10.1093/ajae/ax080
PIM	Gars, Jared; and Ward, Patrick S	Can differences in individual learning explain patterns of technology adoption? Evidence on heterogeneous learning patterns and hybrid rice adoption in Bihar, India	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.11.014
PIM	Evans, David K.; Holtemeyer, Brian; and Kosec, Katrina	Cash transfers increase trust in local government	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.08.020 . Available online 11 October 2018
PIM	Houssou, Nazaire; Johnson, Nancy; Kolavalli, Shashidhara; and Asante-Addo, Collins	Changes in Ghanaian farming systems: Stagnation or a quiet transformation?	Agriculture and Human Values	No	Yes	https://doi.org/10.1007/s10460-017-9788-6
PIM	Benson, Todd; and Mogues, Tewodaj	Constraints in the fertilizer supply chain: Evidence for fertilizer policy development from three African countries	Food Security	No	Yes	https://doi.org/10.1007/s12571-018-0863-7
PIM	Waithanji, Elizabeth; Mtimet, Nadhem; and Muindi, Pauline	Contagious bovine pleuropneumonia vaccine delivery and adoption by women and men in North-Eastern Kenya	The European Journal of Development Research	Yes	Yes	https://doi.org/10.1057/s41287-018-0157-0
PIM	Mishra, Ashok K.; Kumar, Anjani; Joshi, Pramod Kumar.; and D'Souza, Alwin	Cooperatives, contract farming, and farm size: The case of tomato producers in Nepal	Agribusiness	No	Yes	https://doi.org/10.1002/agr.21563

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PIM	Dixit, Prakash N.; Telleria, Roberto; Al Khatib, Amal N.; and Allouzi, Siham F	Decadal analysis of impact of future climate on wheat production in dry Mediterranean environment: A case of Jordan	Science of The Total Environment	No	Yes	https://doi.org/10.1016/j.scitotenv.2017.07.270
PIM	Quisumbing, Agnes R.; Kumar, Neha; and Behrman, Julia A	Do shocks affect men's and women's assets differently? Evidence from Bangladesh and Uganda	Development Policy Review	No	Yes	https://doi.org/10.1111/dpr.1235
PIM	Rashid, Shahidur; Minot, Nicholas; and Lemma, Solomon	Does a "Blue Revolution" help the poor? Evidence from Bangladesh	Agricultural Economics	Yes	Yes	https://doi.org/10.1111/agec.12472
PIM	Hill, Ruth Vargas; Kumar, Neha; Magnan, Nicholas; Makhija, Simrin; de Nicola, Francesca; Spielman, David J.; and Ward, Patrick S	Ex ante and ex post effects of hybrid index insurance in Bangladesh	Journal of Development Economics	Yes	Yes	https://doi.org/10.1016/j.jdeveco.2018.09.003
PIM	Kumar, Anjani; Mishra, Ashok K; Parappurathu, Shinoj; and Jha, Girish Kumar	Farmers' choice of milk-marketing channels in India	Economic and Political Weekly	No	No	https://www.epw.in/journal/2018/51/review-rural-affairs/farmers%E2%80%99-choice-milk-marketing-channels.html
PIM	Headey, Derek D	Food prices and poverty	World Bank Economic Review	No	Yes	https://doi.org/10.1093/wber/hw064
PIM	Filipski, Mateusz; and Belton, Ben	Give a man a fishpond: Modeling the impacts of aquaculture in the rural economy	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.05.023
PIM	Wu, Wenbin; Yu, Qiangyi; You, Liangzhi; Chen, Kevin; Tang, Huajun; and Liu, Jianguo	Global Cropping intensity gaps: The potential for expanding global harvest areas	Land Use Policy	No	Yes	https://doi.org/10.1016/j.landusepol.2018.02.032
PIM	Gan, Li; Hernandez, Manuel A.; and Liu, Yanyan	Group lending with heterogeneous types	Economic Inquiry	Yes	Yes	https://doi.org/10.1111/ecin.12541
PIM	Ambler, Kate; Doss, Cheryl; Kieran, Caitlin; and Passarelli, Simone	He says, she says: Spousal disagreement in survey measures of bargaining power	Economic Development & Cultural Change	No	Yes	https://doi.org/10.1086/703082
PIM	Geng, Xin; Janssens, Wendy; Kramer, Berber; and van der List, Marijn	Health insurance, a friend in need? Impacts of formal insurance and crowding out of informal insurance	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.07.004
PIM	Babu, Suresh Chandra; Mavrotas, George; and Prasai, Nilam	Integrating environmental considerations in the agricultural policy process: Evidence from Nigeria	Environmental Development	Yes	Yes	https://doi.org/10.1016/j.envdev.2018.01.001
PIM	Ratner, Blake D.; Burnley, Clementine; Mugisha, Samuel; Madzudzo, Elias; Oeur, Il; et al	Investing in multi-stakeholder dialogue to address natural resource competition and conflict	Development in Practice	No	No	https://doi.org/10.1080/09614524.2018.1478950
PIM	Benfica, Rui; Cunguara, Benedito; and Thurlow, James	Linking agricultural investments to growth and poverty: An economywide approach applied to Mozambique	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2018.01.029
PIM	Hirvonen, Kalle; Mascagni, Giulia; and Roelen, Keetie	Linking taxation and social protection: Evidence on redistribution and poverty reduction in Ethiopia	International Social Security Review	No	Yes	https://doi.org/10.1111/issr.12159
PIM	Hufkens, Koen; Melaas, Eli K.; Mann, Michael L.; Foster, Timothy; Ceballos, Francisco; Robles, Miguel; and Kramer, Berber	Monitoring crop phenology using a smartphone based near-surface remote sensing approach	Agricultural and Forest Meteorology	Yes	Yes	https://doi.org/10.1016/j.agrfor.2018.11.002
PIM	Chen, Joyce; Kosec, Katrina; and Mueller, Valerie	Moving to despair? Migration and well-being in Pakistan	World Development	Yes	Yes	https://doi.org/10.1016/j.worlddev.2018.09.007 . Available online 17 September 2018

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PIM	Sheahan, Megan; Liu, Yanyan; Barrett, Christopher B.; and Narayanan, Sudha	Preferential resource spending under an employment guarantee: The political economy of MGNREGS in Andhra Pradesh	World Bank Economic Review	No	Yes	http://dx.doi.org/10.1093/wber/lhw044
PIM	Chan, Chin Yee; Tran, Nhuong; Pethiyagoda, Shanali; Crissman, Charles C.; Sulser, Timothy B.; and Phillips, Michael J	Prospects and challenges of fish for food security in Africa	Global Food Security	Yes	Yes	https://doi.org/10.1016/j.gfs.2018.12.002 . Available online 19 December 2018.
PIM	Reardon, Thomas; Echeverria Ruben G.; Berdegue, Julio A.; Minten, Bart; Liverpool-Tasie, Lenis Saweda; Tschirley, David; and Zilberman, David	Rapid transformation of food systems in developing regions: Highlighting the role of agricultural research & innovations	Agricultural Systems	No	Yes	https://doi.org/10.1016/j.agsy.2018.01.022
PIM	Hu, Yanan; Fan, Lingling; Liu, Zhenhuan; Yu, Qiangyi; Liang, Shefang; Chen, Shi; You, Liangzhi; Wu, Wenbin; and Yang, Peng	Rice production and climate change in Northeast China: evidence of adaptation through land use shifts	Environmental Research Letters	Yes	Yes	https://doi.org/10.1088/1748-9326/aafa55
PIM	Mogues, Tewodaj	Social networks near and far: The role of bonding and bridging social capital for assets of the rural poor	Review of Development Economics 23(1): 189-210	No	Yes	https://doi.org/10.1111/rode.12529
PIM	Barrett, Christopher B., ed.; Christian, Paul, ed.; Shimeles, Abebe, ed	Special section: Structural transformation of African agriculture and rural spaces	World Development	Yes	Yes	https://www.sciencedirect.com/journal/world-development/vol/105/suppl/C
PIM	Kiptot, Evelyne; Franzel, Steven	Stakeholder planning of the institutionalization of the volunteer farmer-trainer approach in dairy producer organizations in Kenya: key steps and supporting mechanisms	International Journal of Agricultural Sustainability	Yes	Yes	https://doi.org/10.1080/14735903.2018.1558581 . Published online: 31 December 2018.
PIM	Amare, Mulubrhan; Benson, Todd; Fadare, Olusegun; and Oyeyemi, Motunrayo	Study of the determinants of chronic malnutrition in northern Nigeria: Quantitative evidence from the Nigeria demographic and health surveys	Food and Nutrition Bulletin	No	Yes	https://doi.org/10.1177/0379572118768568
PIM	Pierre, Guillaume; Pauw, Karl; and Magrini, Emiliano	The effect of the National Food Reserve Agency on maize market prices in Tanzania	Review of Development Economics	Yes	Yes	https://doi.org/10.1111/rode.12374
PIM	Van Campenhout, Bjorn; Pauw, Karl; and Minot, Nicholas	The impact of food price shocks in Uganda: first-order effects versus general-equilibrium consequences	European Review of Agricultural Economics	No	Yes	https://doi.org/10.1093/erae/ibv013
PIM	Mogues, Tewodaj; and Billings, Lucy	The making of public investments: The role of champions, co-ordination, and characteristics of nutrition programmes in Mozambique	Food Policy	No	Yes	https://doi.org/10.1016/j.foodpol.2018.11.001
PIM	Amare, Mulubrhan; Arndt, Channing; Abay, Kibrom A.; and Benson, Todd	Urbanization and child nutritional outcomes	World Bank Economic Review	Yes	Yes	https://doi.org/10.1093/wber/lhy015