

College-wide Sustainability-related activities (2021-2022) - A-H public

If checked, no longer at Calvin	Summary
Bjelland, Mark - Geology, Geography, & Environmental Studies (1 Item)	
	Invited presentation/lecture. Geographic Perspectives on Post-Industrial Cities seminar. Florida International University, Miami, Florida. 4/27/2022
De Ruiter, Stacy - Mathematics & Statistics (2 Item records)	
	Journal article. Castellote M, Mooney A, Andrews R, Deruiter S, Lee W-J, Ferguson M, et al. (2021) Beluga whale (<i>Delphinapterus leucas</i>) acoustic foraging behavior and applications for long term monitoring. <i>PLoS ONE</i> 16(11): e0260485. https://doi.org/10.1371/journal.pone.0260485 Peer reviewed. https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0260485
	Invited presentation/lecture. Project 23: Cuvier's Beaked Whale and Fin Whale Behavior During Military Sonar Operations: Using Medium-Term Tag Technology to Develop Empirical Risk Functions and Project 30: Measuring the effect of range on the behavioral response of marine mammals through the use of navy sonar US Navy Living Marine Resources Program IPR 2021. Hotel, Ventura, CA. 11/24/2021
Dornbos, David - Biology (1 Item)	
	Invited presentation/lecture. Your "Steak" in the World: A Secure and Sustainable Food System to Improve Human and Environmental Health Biology Department Seminar. Hope College, Holland, Michigan. January 28, 2022
Groenendyk, Kathi - Communication Arts & Sciences (1 Item)	
	Curriculum. Training and research in public relations provided new case studies for COMM 201, COMM 285, and COMM 520.
Halteman, Matt - Philosophy (4 Item records)	
	Church group presentation. Reimagining Our Kinship With Animals Eastern Avenue CRC Beyond Stewardship LIFT Series. Eastern Avenue CRC, Grand Rapids, MI. 4/24/22
	Invited presentation/lecture. "Eating as an Act of Justice: From Religious Food Ethics to Climate Action" Center for Spirituality Public Lecture. Saint Mary's College, Notre Dame, IN. November 9, 2021
	Invited presentation/lecture. Animals and Food Justice Social Justice and the Common Good Seminar, Professor Megan Zwart. Saint Mary's College (via Zoom), South Bend, IN. 4/25/22
	Session panelist. Carol J. Adams--Feminism, Religion, Animals: The Interweaving of Life and Theory UCI Religious Studies and Producing Alternate Futures Series, co-sponsored by Calvin University Animals and the Kingdom of God Lecture Series and University of San Diego Food Studies Initiative. University of California, Irvine (via Zoom), Irvine, California. 5/4/22
Heun, Matt - Engineering (15 Item records)	
	Book authored. J. Van Antwerp and M. K. Heun. A Framework for Sustainability Thinking: A student's introduction to global sustainability challenges. Number 4 in Synthesis Lectures on Sustainable Development. Morgan & Claypool, Williston, VT, 2022. https://doi.org/10.2200/S01168ED1V01Y202202SDE004
	Book review. D. P. Warners and M. K. Heun. Review of <i>Ecotheology: A Christian Conversation</i> , Kiara A. Jorgenson and Alan G. Padgett, eds. <i>Perspectives on Science and the Christian Faith</i> , 73(3):184-186, September 2021. https://www.asa3.org/ASA/PSCF/2021/PSCF9-21dyn.html
	Journal article. E. Aramendia, M. K. Heun, P. E. Brockway, and P. G. Taylor. Developing a multi-regional physical supply use table framework to improve the accuracy and reliability of energy analysis. <i>Applied Energy</i> , 310(118413):1-20, February 2022. Peer reviewed. https://doi.org/10.1016/j.apenergy.2021.118413
	Journal article. J. Van Antwerp and M. K. Heun. An introduction to A Framework for Sustainability Thinking. <i>Numeracy</i> , 15(2):1-8, 2022. https://doi.org/10.5038/1936-4660.15.2.1423
	Journal article. P. Steenwyk, M. K. Heun, P. Brockway, T. Sousa, and S. Henriques. The contributions of muscle and machine work to land and labor productivity in world agriculture since 1800. <i>Biophysical Economics and Sustainability</i> , 7(2):1-17, 2022. Peer reviewed. https://doi.org/10.1007/s41247-022-00096-z

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	Invited presentation/lecture. Energy rebound Presentation to students in Selected topics of energy and environmental economics, Tecnologico de Monterrey. Online presentation, Monterrey, Mexico. 6 June 2022
	Invited presentation/lecture. The how and why of electricity use: Additional insights from Portugal and a World long-run time series on electricity since 1900 University of Texas Energy Seminar. University of Texas, Austin, Texas. 23 November 2021
	Session chair. Dynamics 1, Session 2a International Exergy Economics Workshop 2022. Cambridge University, Cambridge, England. 27 June 2022
	Talk contributed at a conference. A Framework for Sustainability Thinking: A student's introduction to global sustainability challenges International Exergy Economics Workshop 2022. Cambridge University, Cambridge, England. 28 June 2022
	Talk contributed at a conference. Accounting for the Long Run International Exergy Economics Workshop 2022. Cambridge University, Cambridge, England. 28 June 2022
	Talk contributed at a conference. Development of analytical tools for useful exergy analysis on the energy conversion chain International Exergy Economics Workshop 2022. Cambridge University, Cambridge, England. 27 June 2022
	Talk contributed at a conference. Exploring the interface between human well-being and the energy conversion chain European Society of Ecological Economics Annual Meeting 2022. University of Pisa, Pisa, Italy. 16 June 2022
	Talk contributed at a conference. The evolution of rail transport in the World from 1835 to 2020 International Exergy Economics Workshop 2022. Cambridge University, Cambridge, England. 27 June 2022
	Talk contributed at a conference. World energy and exergy efficiency 1971-2019: Results and key insights European Society of Ecological Economics Annual Meeting 2022. University of Pisa, Pisa, Italy. 15 June 2022
	Professional Svcs. I led a 2-session sequence for professional development at IEEW2022. The sessions involved rapid presentation and feedback on new ideas for projects and papers. Full bibliographic reference: M. K. Heun. Idea development for future projects and papers. Sessions chaired at International Exergy Economics Workshop 2022, Cambridge University, 29 June 2022. Sessions 7 & 8.
	Lam, Maria - Business (1 Item)
	Development & Service. Attended Oct.6-8 Teaching and Learning from the Common Good
	Molnar, Larry - Physics & Astronomy (1 Item)
	Calvin department seminar. Rooftop solar panels in Michigan: a feasibility demonstration Physics & Astronomy seminar. Calvin, Grand Rapids, MI. 9/28/2021
	Rohi, Darrell - History (1 Item)
	Invited presentation/lecture. Archaeology and Christian Faith: Comparing Adventist and Reformed Perspectives Andrews Autumn Conference on Religion and Science. Andrews University, Berrien Springs, MI. 11/13/2021
	Smith, David - Education (1 Item)
	Book chapter. "It would be good to have a Paradise": Comenius on learners past and present. In Jan Habl (ed). The Restoration of Human Affairs: Utopianism or Realism? (Eugene, OR: Wipf and Stock) pp. 29-44.
	Wildschut, Julie - Engineering (1 Item)
	Journal article. Ten Pas, D., Bogdajewicz, C., Wildschut, J., Tatko, C., & Hoeksema, R. (2021, December 17). An innovative subterranean spring capture method for improved water quality. H2Open Journal, 4(1), 381-392. Doi: 10.2166/h2oj.2021.141 Peer reviewed. https://iwaponline.com/h2open/article/4/1/381/85955/An-innovative-subterranean-spring-capture-method

SUMMARY

Faculty Name	Dept.	Number of Items
Bjelland, Mark	Geology, Geography, & Environmental Studies	1
De Ruiter, Stacy	Mathematics & Statistics	2
Dornbos, David	Biology	1
Groenendyk, Kathi	Communication Arts & Sciences	1

Faculty Name	Dept.	Number of Items
Halteman, Matt	Philosophy	4
Heun, Matt	Engineering	15
Lam, Maria	Business	1
Molnar, Larry	Physics & Astronomy	1
Rohl, Darrell	History	1
Smith, David	Education	1
Wildschut, Julie	Engineering	1
Totals (11 groups)		29