

Boston University
Sustainability Research Inventory
FY 16 & 17

191 Unique Researchers
51 Unique Departments

DEPARTMENT OR PROGRAM	NAME	TITLE
ADMINISTRATION (EDUCATIONAL INITIATIVES)	Wroblewski Donald	Achieving Energy Efficiency in Building HVAC Systems
ARTS AND SCIENCES (CAS) ANTHROPOLOGY	Knott Cheryl	Person of the forest
ARTS AND SCIENCES (CAS) ARCHAEOLOGY	Marston John	Agricultural Sustainability and Environmental Change at Ancient Gordion
ARTS AND SCIENCES (CAS) ARCHAEOLOGY	West Catherina	Integrating archaeology and ancient DNA analysis to address invasive species colonization in the Gulf of Alaska
ARTS AND SCIENCES (CAS) ASTRONOMY	DOUGLAS EWAN	Finding Leaves in the Forest: The Dual-Wavelength Echidna Lidar
ARTS AND SCIENCES (CAS) BIOLOGY	ALTMAN IRIT	The Multiscale Integrated Model of Ecosystem Services (MIMES): Simulating the interactions of coupled human and natural systems
ARTS AND SCIENCES (CAS) BIOLOGY	ATEMA JELLE	Odor tracking in sharks is reduced under future ocean acidification conditions
ARTS AND SCIENCES (CAS) BIOLOGY	BUSTON PETER	Patterns, causes, and consequences of marine larval dispersal.
ARTS AND SCIENCES (CAS) BIOLOGY	Davies Sarah	Heterotrophy mitigates the response of the temperate coral <i>Oculina arbuscula</i> to temperature stress
ARTS AND SCIENCES (CAS) BIOLOGY	Finzi Adrien	Reduced snow cover alters root-microbe interactions and decreases nitrification rates in a northern hardwood forest
ARTS AND SCIENCES (CAS) BIOLOGY	Kunz Thomas H	Drivers of variation in species impacts for a multi-host fungal disease of bats
ARTS AND SCIENCES (CAS) BIOLOGY	Lobel Phillip	Size affects digestive responses to increasing temperature in fishes: physiological implications of being small under climate change
ARTS AND SCIENCES (CAS) BIOLOGY	Mullen Sean P	Delineating species boundaries and conservation units of the endangered Callippe Silverspot butterfly (<i>Speyeria callippe</i>)
ARTS AND SCIENCES (CAS) BIOLOGY	Primack Richard	Diversity and Carbon storage across the tropical forest biome
ARTS AND SCIENCES (CAS) BIOLOGY	Rotjan, Randi	Phoenix Islands Protected Area Climate Change Vulnerability Assessment and Management

ARTS AND SCIENCES (CAS) BIOLOGY	Segre Daniel	A HIGH-THROUGHPUT PIPELINE FOR MAPPING INTER-SPECIES INTERACTIONS AND METABOLIC SYNERGY RELEVANT TO NEXT-GENERATION BIOFUEL PRODUCTION
ARTS AND SCIENCES (CAS) BIOLOGY	Templer Pamela	Estimating potential productivity cobenefits for crops and trees from reduced ozone with US coal power plant carbon standards
ARTS AND SCIENCES (CAS) BIOLOGY	TEMPLER PAMELA	Contrasting effects of winter snowpack and soil frost on growing season microbial biomass and enzyme activity in two mixed-hardwood forests
ARTS AND SCIENCES (CAS) BIOLOGY	Traniello James	Visual ecology of division of labor: worker polymorphism, compound eye structure, and optic lobe size and organization in the leafcutter ant <i>Atta cephalotes</i> .
ARTS AND SCIENCES (CAS) CENTER FOR REMOTE SENSING	EL-BAZ FAROUK	Analyses of optical images and radar data reveal structural features and predict groundwater accumulations in the central Eastern Desert of Egypt
ARTS AND SCIENCES (CAS) CENTER FOR REMOTE SENSING	El-Baz Farouk	The Gulf War and the Environment
ARTS AND SCIENCES (CAS) CHEMISTRY	ALLEN KAREN	Enzyme Substrate Specificity Conferred by Distinct Conformational Pathways.
ARTS AND SCIENCES (CAS) CHEMISTRY	Grinstaff Mark	Biomass-Based Fuels and Activated Carbon Electrode Materials: An Integrated Approach to Green Energy Systems
ARTS AND SCIENCES (CAS) CHEMISTRY	PREMASIRI W RANJITH	The biochemical origins of the surface-enhanced Raman spectra of bacteria: a metabolomics profiling by SERS
ARTS AND SCIENCES (CAS) CHEMISTRY	Salari Maryam	High temperature electrical energy storage: advances, challenges, and frontiers
ARTS AND SCIENCES (CAS) CHEMISTRY	Xinrong Lin	High temperature electrical energy storage: advances, challenges, and frontiers
ARTS AND SCIENCES (CAS) CHEMISTRY	ZIEGLER LAWRENCE	The biochemical origins of the surface-enhanced Raman spectra of bacteria: a metabolomics profiling by SERS
ARTS AND SCIENCES (CAS) COMPUTER SCIENCE	Friedman Joyce	Measuring the health related sustainable development goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015
ARTS AND SCIENCES (CAS) COMPUTER SCIENCE	Terzi Evimaria	Balance User Satisfaction and Transportation Cost in the Hubway

ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	ANDERSON BRUCE	A decadal precession of atmospheric pressures over the North Pacific
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Anderson Bruce	Climate Ready Boston
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Carey Joanna	Quantifying global soil carbon losses in reponse to warming
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Cleveland Cutler	the effect of climate change on electricity expenditures in Massachusetts
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	David R Marchant	SEEDING A CULTURAL CHANGE IN INQUIRY-BASED LEARNING THAT PLACES EARLY, CONSISTENT, AND SIMULTANEOUS EMPHASIS ON RESEARCH, OUTREACH, AND SCIENCE EDUCATION IN UNDERGRADUATE CURRICULA
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Dietze Michael	A roadmap for improving the representation of photosynthesis in Earth system models
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	FAGHERAZZI SERGIO	Bottom sediments affect Sonneratia mangrove forests in the prograding Mekong delta, Vietnam
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Fagherazzi Sergio	Linking the infilling of the North Branch in the Changjiang (Yangtze) estuary to anthropogenic activities from 1958 to 2013
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	FICHOT CEDRIC	Sources and transformations of dissolved lignin phenols and chromophoric dissolved organic matter in Otsuchi Bay, Japan
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	FITZGERALD DUNCAN	Records of Migration and Ebb-Delta Breaching at Historic and Ancient Tidal Inlets along a River-Fed Paraglacial Barrier Island
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	FRIEDL MARK	Sources of bias and variability in long-term Landsat time series over Canadian boreal forests
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Friedl Mark	Gradients of Atmospheric Temperature and Humidity Controlled by Local Urban Land-Use Intensity in Boston
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	FULWEILER ROBINSON	Coastal water column ammonium and nitrite oxidation are decoupled in summer
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Fulweiler Robinson	Low ratios of silica to dissolved nitrogen supplied to rivers arise from agriculture not reservoirs
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Garrett Rachael	Perspectives of sustainable agricultural technologies-the case of integrated crop-livestock systems in Brazil
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	GARRETT RAPHAEL	Green for gold: social and ecological tradeoffs influencing the sustainability of the Brazilian soy industry

ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Geddes Jeffrey	Relationships between Changes in Urban Characteristics and Air Quality in East Asia from 2000 to 2010
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	GOPAL SUCHARITA	Modeling Coastal and Marine Environmental Risks in Belize: the Marine Integrated Decision Analysis System (MIDAS)
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Gopal Sucharita	Spatial heterogeneity of climate change as an experiential basis for skepticism
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	HEISS ELISE	Coastal water column ammonium and nitrite oxidation are decoupled in summer
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	HUTYRA LUCY	Assessing the global warming potential of human settlement expansion in a mesic temperate landscape from 2005 to 2050
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Hutyra Lucy	Climate Tolerances and trait choices shape continental patterns of urban tree biodiversity
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Janetos Anthony	Sustainable and Inclusive Food Systems through the Lenses of a Complex System Thinking Approach-- A Bibliometric Review
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Johan Olofsson Pontus	RESEARCH ON USING DATA OBSERVATION DATA ANALYSIS TOOLS IN DEVELOPING COUNTRIES
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Kaufmann Robert	the effect of climate change on electricity expenditures in Massachusetts
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	KAUFMANN ROBERY	Long-run changes in radiative forcing and surface temperature: The effect of human activity over the last five centuries
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	KENNEDY ROBERT	Global satellite monitoring of climate-induced vegetation disturbances
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Knjazihhin Juri	Application of the metabolic scaling theory and water–energy balance equation to model large-scale patterns of maximum forest canopy height
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Li Dan	Gradients of Atmospheric Temperature and Humidity Controlled by Local Urban Land-Use Intensity in Boston
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	LI ZHAN	Finding Leaves in the Forest: The Dual-Wavelength Echidna Lidar
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	MARCHANT DAVID	Remnant buried ice in the equatorial regions of Mars: Morphological indicators associated with the Arsia Mons tropical mountain glacier deposits
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Murray Richard	Heterotrophy mitigates the response of the temperate coral <i>Oculina arbuscula</i> to temperature stress

ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Myneni Ranga	Climate mitigation from vegetation biophysical feedbacks during the past three decades
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Nolte Christoph	The role of supply-chain initiatives in reducing deforestation
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	NOMACK MALLORY	Characterizing urban landscapes using fuzzy sets
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	OLOFSSON PONTUS	Assessing the global warming potential of human settlement expansion in a mesic temperate landscape from 2005 to 2050
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Olofsson Pontus	TRACKING CARBON EMISSIONS AND REMOVALS BY TIME SERIES ANALYSIS OF THE LAND SURFACE: PROTOTYPE APPLICATION IN TROPICAL MRV SYSTEMS COMPLIANT WITH IPCC TIER 3
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Olofsson Pontus Johan	TRACKING CARBON EMISSIONS AND REMOVALS BY TIME SERIES ANALYSIS OF THE LAND SURFACE: PROTOTYPE APPLICATION IN TROPICAL MRV SYSTEMS COMPLIANT WITH IPCC TIER 3
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	PASQUARELLA VALERIE	Characterizing urban landscapes using fuzzy sets
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	PHILLIPS NATHAN	Characterizing urban landscapes using fuzzy sets
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Phillips Nathan	Unleakable carbon
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	PITTS JOSHUA	Characterizing urban landscapes using fuzzy sets
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	REINMANN ANDREW	Assessing the global warming potential of human settlement expansion in a mesic temperate landscape from 2005 to 2050
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Reinmann Andrew	Edge effects enhance carbon uptake and its vulnerability to climate change in temperate broadleaf forests
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Rigden Angela J	Stomatal response to humidity and CO2 implicated in recent decline in US evaporation
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Salvucci Guido D	Stomatal response to humidity and CO2 implicated in recent decline in US evaporation
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Schaaf Crystal	Observing ecosystems with lightweight, rapid-scanning terrestrial lidar scanners

ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Short Anne	The quasi-legal challenge: Assessing and governing the environmental impacts of cannabis cultivation in the North Coastal Basin of California
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	STRAHLER ALAN	Finding Leaves in the Forest: The Dual-Wavelength Echidna Lidar
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Strahler Alan	Observing ecosystems with lightweight, rapid-scanning terrestrial lidar scanners
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	SULLAH-MENASHE DAMIEN	Sources of bias and variability in long-term Landsat time series over Canadian boreal forests
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	TANG XIAOJING	Characterizing urban landscapes using fuzzy sets
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	TRLICA ANDREW	Assessing the global warming potential of human settlement expansion in a mesic temperate landscape from 2005 to 2050
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Wing Ian Sue	Technology strategies for low-carbon economic growth: a general equilibrium assessment
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	WOODCOCK CURTIS	Sources of bias and variability in long-term Landsat time series over Canadian boreal forests
ARTS AND SCIENCES (CAS) EARTH and ENVIRONMENT	Woodcock Curtis	Bottom sediments affect sonneratia mangrove forests in the prograding Mekong delta, Vietnam
ARTS AND SCIENCES (CAS) ECONOMICS	BUESSING MARRIC	Geographic proximity to coal plants and U.S. public support for extending the Production Tax Credit
ARTS AND SCIENCES (CAS) ECONOMICS	ERBAS BAHAR	How effective are energy efficiency and renewable energy in curbing CO2 emissions in the long run? A heterogeneous panel data analysis
ARTS AND SCIENCES (CAS) ECONOMICS	Erbas Bahar	Technological Change and the Environment
ARTS AND SCIENCES (CAS) ECONOMICS	Fisman Raymond	Energy Shocks and Efficiency of Resource Allocation: A New Methodology
ARTS AND SCIENCES (CAS) ECONOMICS	SCHMIEDER FRIEDRICH JOHANNES	THE EFFECTS OF DOMESTIC OUTSOURCING OF LABOR SERVICES ON JOB QUALITY, WORKPLACE SAFETY, AND LABOR STANDARDS
ARTS AND SCIENCES (CAS) ECONOMICS	Vogelsang Ingo	Can simple regulatory mechanisms realistically be used for electricity transmission investment? The case of H-R-G-V
ARTS AND SCIENCES (CAS) HISTORY	Philips Sarah	Slain Wood: Paper-making and its Environmental Consequences in the American South

ARTS AND SCIENCES (CAS) MARINE PROGRAM	Di Santo Valentina	Size affects digestive responses to increasing temperature in fishes: physiological implications of being small under climate change
ARTS AND SCIENCES (CAS) MATHEMATICS AND STATISTICS	CARVALHO E LUIS	DIRECT MEASUREMENT OF ABOVEGROUND CARBON DYNAMICS IN SUPPORT OF LARGE-AREA CMS DEVELOPMENT
ARTS AND SCIENCES (CAS) MATHEMATICS AND STATISTICS	D'AGOSTINO RALPH	Residential Proximity to Major Roads, Exposure to Fine Particulate Matter, and Coronary Artery Calcium: The Framingham Heart Study.
ARTS AND SCIENCES (CAS) PHYSICS	Mehta Pankaj	Analytically tractable model for community ecology with many species
ARTS AND SCIENCES (CAS) PHYSICS	Redner Sidney	Edge fires drive the shape and stability of tropical forests.
ARTS AND SCIENCES (CAS) POLITICAL SCIENCE	EINSTEIN KATHERINE	'It Isn't What We Don't Know that Gives Us Trouble, It's What We Know that Ain't So': Misinformation and Democratic Politics
ARTS AND SCIENCES (CAS) POLITICAL SCIENCE	KRINER DOUGLAS	Geographic proximity to coal plants and U.S. public support for extending the Production Tax Credit
ARTS AND SCIENCES (CAS) PSYCHOLOGY AND BRAIN SCIENCES	Langer David	Childhood Mental Health: An Ecological Analysis of the Effects of Neighborhood Characteristics
ARTS AND SCIENCES (CAS) SOCIOLOGY	Saeed Sadia	Use of satellite imagery in constructing a household GIS database for health studies in Karachi, Pakistan.
COLLEGE OF COMMUNICATION (COM) JOURNALISM	Starr Douglas	The Carbon Accountant
ENGINEERING (ENG) BIOMEDICAL ENGINEERING	Harvey Brian	Modeling variability in air pollution-related health damages from individual airport emissions
ENGINEERING (ENG) BIOMEDICAL ENGINEERING	Popovic Milos	MEMORY SYSTEM WITH MONOLITHIC CMOS PHOTONIC NETWORKS FOR HIGH-PERFORMANCE ENERGY-EFFICIENT EMBEDDED MANYCORE MACHINES
ENGINEERING (ENG) BIOMEDICAL ENGINEERING	Zaman Muhammad	Examining the need and potential for biomedical engineering to strengthen health care delivery for displaced populations and victims of conflict
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	Belloti Enrico	CRA: COMPUTATIONALLY-GUIDED DESIGN OF ENERGY EFFICIENT ELECTRONIC MATERIALS (CDE3M)
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	BELLOTTI ENRICO	Temperature characteristics of hot electron electroluminescence in silicon.

ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	Bellotti Enrico	CRA: COMPUTATIONALLY-GUIDED DESIGN OF ENERGY EFFICIENT ELECTRONIC MATERIALS (CDE3M)
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	CASSANDRAS CHRISTOS	Optimal Energy-Efficient Downlink Transmission Scheduling for Real-Time Wireless Networks
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	Cassandras Christos	City-Scale Intelligent Systems and Platforms
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	COSKUN AYSE	Communication and cooling aware job allocation in data centers for communication-intensive workloads
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	Coskun Ayse	Scale 8 Cap: Scaling-Aware Resource Management for Consolidated Multi-threaded Applications
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	DAL NEGRO LUCA	ENHANCED SOLAR ENERGY CONVERSION BY ULTRA-SLOW PHOTON SUB-DIFFUSION IN APERIODIC MEDIA
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	Dal Negro Luca	ENHANCED SOLAR ENERGY CONVERSION BY ULTRA-SLOW PHOTON SUB-DIFFUSION IN APERIODIC MEDIA
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	HERBORDT MARTIN	Communication and cooling aware job allocation in data centers for communication-intensive workloads
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	KAPLAN FULYA	Communication and cooling aware job allocation in data centers for communication-intensive workloads
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	MENG JIE	Communication and cooling aware job allocation in data centers for communication-intensive workloads
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	PASCHALIDIS IOANNIS	Provision of Regulation Service by Smart Buildings
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	Paschalidis Ioannis	Distributed MPC for Coordinated Energy Efficiency Utilization in Microgrid Systems
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	Sahar Sharifzadeh	FIRST-PRINCIPLES INVESTIGATION OF ENERGY TRANSPORT WITHIN HIGHLY ORDERED ORGANIC MOLECULAR ARRAYS
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	Saligrama Venkatesh	Field of Groves: An Energy-Efficient Random Forest
ENGINEERING (ENG) ELECTRICAL and COMPUTER ENG	Yang Chen	Design of Contact Electrodes for Semiconductor Nanowire Solar Energy Harvesting Devices
ENGINEERING (ENG) MATERIAL SCI and ENGINEERING	Goldfarb Jillian	Novel Integrated Biorefinery for Olive Mill Waste Management: Utilization of Secondary Waste for Water Treatment
ENGINEERING (ENG) MECHANICAL ENGINEERING	Andersson B Sean	COMPRESSIVE ROBOTIC SENSING SYSTEMS: GAINING EFFICIENCY THROUGH SPARSITY IN DYNAMIC SENSING ENVIRONMENTS

ENGINEERING (ENG) MECHANICAL ENGINEERING	BAILLIEUL JOHN	Control and Communication Protocols Based on Packetized Direct Load Control in Smart Building Microgrids
ENGINEERING (ENG) MECHANICAL ENGINEERING	Baillieul John	Bio-Inspired Flight Control — What we learn from bats and birds
ENGINEERING (ENG) MECHANICAL ENGINEERING	Basu Soumendra	Distributed Energy Resources: New Markets and New Products
ENGINEERING (ENG) MECHANICAL ENGINEERING	CARAMANIS MICHAEL	Co-Optimization of Power and Reserves in Dynamic T&D Power Markets With Nondispatchable Renewable Generation and Distributed Energy Resources
ENGINEERING (ENG) MECHANICAL ENGINEERING	Gevelber Michael	Analysis of bending region physics in determining electrospun fiber diameter: effect of relative humidity on evaporation and force balance
ENGINEERING (ENG) MECHANICAL ENGINEERING	GOLDFARB JILLIAN	Co-combustion of brewer's spent grains and Illinois No. 6 coal: Impact of blend ratio on pyrolysis and oxidation behavior
ENGINEERING (ENG) MECHANICAL ENGINEERING	Pal Uday	Molten Flux Design for Solid Oxide Membrane-Based Electrolysis of Aluminum from Alumina
ENGINEERING (ENG) MECHANICAL ENGINEERING	Walsh B.M	Comparative study of three reconnection X line models at the Earth's dayside magnetopause using in situ observations
Frederick S Pardee Ctr Study Longer Range Future	Janetos Anthony	Pulling out of Paris will harm the poor in the US and abroad
Institute for Sustainable Energy	ASHMORE CHAKRABARTY JACQUELINE	TO ASSESS OPPORTUNITIES FOR INTEGRATED URBAN WATER MANAGEMENT IN TEXAS: DEVELOPING FUTURE SOLUTIONS FOR THE LONE STAR STATE
Institute for Sustainable Energy	Fox-Penner Peter	Quadrennial Energy Review (QER): Second Installment
METROPOLITAN COLLEGE - ADMINISTRATIVE SCIENCES	Becker Kip	Spillover Effects of Research and Development Activity on the Economic Growth and Exports of the Group 20
METROPOLITAN COLLEGE - ADMINISTRATIVE SCIENCES	Brahmasrene	Assessing the dynamic impact of tourism, industrialization, urbanization, and globalization on growth and environment in Southeast Asia
METROPOLITAN COLLEGE - ADMINISTRATIVE SCIENCES	Greiman Virginia	Building Bridges on the Silk Road: A strategy for Vietnam
METROPOLITAN COLLEGE - ADMINISTRATIVE SCIENCES	Lee JungWan	Assessing the dynamic impact of tourism, industrialization, urbanization, and globalization on growth and environment in Southeast Asia
METROPOLITAN COLLEGE - ADMINISTRATIVE SCIENCES	Sonmez Erkut	Combining two wrongs to make two rights: Mitigating food insecurity and food waste through gleaning operations

PARDEE SCHOOL OF GLOBAL STUDIES	Gallagher Kevin	China and Sustainable Development in Latin America
PARDEE SCHOOL OF GLOBAL STUDIES	Monasterolo Irene	Sustainable and Inclusive Food Systems through the Lenses of a Complex System Thinking Approach-- A Bibliometric Review
PARDEE SCHOOL OF GLOBAL STUDIES	Ray Rebecca	China and Sustainable Development in Latin America
PARDEE SCHOOL OF GLOBAL STUDIES	Selin Henrik	Climate Finance and Developing Countries: The Need for Regime Development
QUESTROM SCHOOL OF BUSINESS (QSB) MARKETING	Meng Matthew	Using emoticons to encourage students to recycle
QUESTROM SCHOOL OF BUSINESS (QSB) MARKETING	Sun Estelle	Environmental Performance and Analyst Information Processing Costs
QUESTROM SCHOOL OF BUSINESS (QSB) MARKETING	Sun Monic	The effect of recycling versus trashing on consumption: theory and experimental evidence
QUESTROM SCHOOL OF BUSINESS (QSB) MARKETING	Trudel Remi	The effect of recycling versus trashing on consumption: theory and experimental evidence
QUESTROM SCHOOL OF BUSINESS (QSB) MARKETING	Watts, Stephanie	The Sustainability Imperative in Information Systems Research
SCHOOL OF EDUCATION (SED)	Bristol Travis	DEVELOPING A RESEARCH AGENDA FOR EDUCATOR DIVERSITY
SCHOOL OF HOSPITALITY ADMINISTRATION	Dogru, Tarik	Theory of Vulnerability and Remarkable Resilience of Tourism Demand to Climate Change: Evidence from the Mediterranean Basin
SCHOOL OF HOSPITALITY ADMINISTRATION	Mody Makarand	Gaming can be sustainable too! Using Social Representation Theory to examine the moderating effects of tourism diversification on residents' tax paying behavior
SCHOOL OF HOSPITALITY ADMINISTRATION	Seuss Courtney/Raeisinafchi Courtney	Gaming can be sustainable too! Using Social Representation Theory to examine the moderating effects of tourism diversification on residents' tax paying behavior
SCHOOL OF MEDICINE (MED) ALZHEIMER'S DISEASE CENTER, FRAMINGHAM HEART STUDY	SESHARDI SUDRA	Long-term exposure to fine particulate matter, residential proximity to major roads and measures of brain structure.
SCHOOL OF MEDICINE (MED) ALZHEIMER'S DISEASE CENTER, FRAMINGHAM HEART STUDY	WOLF PHILIP	Long-term exposure to fine particulate matter, residential proximity to major roads and measures of brain structure.
School of Medicine (MED) Anatomy and Neurobiology	JOSEPH M ROBERT	ENVIRONMENT, EPIGENETICS, NEURODEVELOPMENT & HEALTH OF EXTREMELY PRETERM CHILDREN
SCHOOL OF MEDICINE (MED) COMPUTATIONAL BIOMED	LENBURG MARC	Gene-expression profiling of buccal epithelium among non-smoking women exposed to household air pollution from smoky coal

SCHOOL OF MEDICINE (MED) COMPUTATIONAL BIOMED	LIU GANG	Gene-expression profiling of buccal epithelium among non-smoking women exposed to household air pollution from smoky coal
SCHOOL OF MEDICINE (MED) COMPUTATIONAL BIOMED	SPIRA AVRUM	Gene-expression profiling of buccal epithelium among non-smoking women exposed to household air pollution from smoky coal
SCHOOL OF MEDICINE (MED) COMPUTATIONAL BIOMED	Spira Avrum	The Importance of the Biological Impact of Exposure to the Concept of the Exposome
SCHOOL OF MEDICINE (MED) COMPUTATIONAL BIOMED	STEILING KATRINA	Gene-expression profiling of buccal epithelium among non-smoking women exposed to household air pollution from smoky coal
SCHOOL OF MEDICINE (MED) COMPUTATIONAL BIOMED	WANG TERESA	Gene-expression profiling of buccal epithelium among non-smoking women exposed to household air pollution from smoky coal
SCHOOL OF MEDICINE (MED) COMPUTATIONAL BIOMED	XIAO XIAOHUI	Gene-expression profiling of buccal epithelium among non-smoking women exposed to household air pollution from smoky coal
SCHOOL OF MEDICINE (MED) MASS SPECTROMETRY RESEARCH	COSTELLO CATHERINE	The biochemical origins of the surface-enhanced Raman spectra of bacteria: a metabolomics profiling by SERS
SCHOOL OF MEDICINE (MED) OBSTET and GYNECOL	Mahalingaiah Shruthi	Association of prenatal and early life exposure to tetrachloroethylene (PCE) with polycystic ovary syndrome and other reproductive disorders in the cape cod health study: A retrospective cohort study.
SCHOOL OF MEDICINE (MED) PATHOLOGY & LAB MEDICINE	ALEKSEYEV YURIY	Gene-expression profiling of buccal epithelium among non-smoking women exposed to household air pollution from smoky coal
SCHOOL OF MEDICINE (MED) PEDIATRICS	FRANK DEBORAH	Childhood Adversity and Adult Reports of Food Insecurity Among Households With Children
SCHOOL OF MEDICINE (MED) PHSYIOLOGY & BIOPHYSICS	AU RHODA	Long-term exposure to fine particulate matter, residential proximity to major roads and measures of brain structure.
School of Medicine (MED) Slone Epidemiology Center	ELLISON CURTIS R	Association of ideal cardiovascular health and calcified atherosclerotic plaque in the coronary arteries: The National Heart, Lung, and Blood Institute Family Heart Study

School of Medicine (MED) Slone Epidemiology Center	Lynn A Rosenberg	SOCIODEMOGRAPHIC DISPARITIES IN SLE INCIDENCE: BEHAVIORAL AND PSYCHOSOCIAL FACTORS
SCHOOL OF MEDICINE (MED) VASCULAR BIOLOGY	BACHSCHMID MARKUS	Inducible Nitric Oxide Synthase Promoter Haplotypes and Residential Traffic-Related Air Pollution Jointly Influence Exhaled Nitric Oxide Level in Children
SCHOOL OF PUBLIC HEALTH (SPH) ADJUNCY	BALSAM ALAN	A Qualitative Study of How Registered Dietitians Made the Connection Between Diet, Climate Change, and Environmental Degradation
SCHOOL OF PUBLIC HEALTH (SPH) BIostatISTICS	BEISER ALEXA	Long-term exposure to fine particulate matter, residential proximity to major roads and measures of brain structure.
SCHOOL OF PUBLIC HEALTH (SPH) BIostatISTICS	HEEREN TIMOTHY	Childhood Adversity and Adult Reports of Food Insecurity Among Households With Children
SCHOOL OF PUBLIC HEALTH (SPH) BIostatISTICS	MASSARO JOSEPH	Residential Proximity to Major Roads, Exposure to Fine Particulate Matter, and Coronary Artery Calcium: The Framingham Heart Study.
SCHOOL OF PUBLIC HEALTH (SPH) BIostatISTICS	PREIS SARAH	Long-term exposure to fine particulate matter, residential proximity to major roads and measures of brain structure.
SCHOOL OF PUBLIC HEALTH (SPH) BIostatISTICS	TRIPODIS YORGHOS	A comparison between monitoring and dispersion modeling approaches to assess the impact of aviation on concentrations of black carbon and nitrogen oxides at Los Angeles International Airport
SCHOOL OF PUBLIC HEALTH (SPH) BIostatISTICS	Tripodis Yorghos	Modeling variability in air pollution-related health damages from individual airport emissions
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SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH	Claus Henn Birgit	METAL MIXTURES, CHILDREN'S COGNITION, AND SENSITIVE DEVELOPMENTAL WINDOWS

SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH COHEN AARON	Lung Cancer and Exposure to Nitrogen Dioxide and Traffic: A Systematic Review and Meta-Analysis.
SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH HEIGER-BERNAYS WENDY	A comparison between monitoring and dispersion modeling approaches to assess the impact of aviation on concentrations of black carbon and nitrogen oxides at Los Angeles International Airport
SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH Heiger-Bernays Wendy	Estimating State-Specific Contributions to PM2.5- and O-3-Related Health Burden from Residential Combustion and Electricity Generating Unit Emissions in the United States
SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH JANULEWICZ PATRICIA	Long-term Neurotoxic Effects of Early-life Exposure to Tetrachloroethylene-contaminated Drinking Water
SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH kevin Lane James	DEVELOPING EXPOSURE-RESPONSE RELATIONSHIPS FOR CARDIO-RESPIRATORY HEALTH RISKS AND HOUSEHOLD AIR POLLUTION IN RURAL COMMUNITIES OF TAMIL NADU, INDIA
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SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH Levy Jonathan	Modeling variability in air pollution-related health damages from individual airport emissions
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SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH OZONOFF DAVID	Long-term Neurotoxic Effects of Early-life Exposure to Tetrachloroethylene-contaminated Drinking Water
SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH Ozonoff David	No Association Between Unintentional Head Injuries and Early-Life Exposure to Tetrachloroethylene (PCE)-Contaminated Drinking Water.
SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH PENN STEFANI	A comparison between monitoring and dispersion modeling approaches to assess the impact of aviation on concentrations of black carbon and nitrogen oxides at Los Angeles International Airport

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SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH	WEBSTER THOMAS	Long-term Neurotoxic Effects of Early-life Exposure to Tetrachloroethylene-contaminated Drinking Water
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SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH	WHITE ROBERTA	Long-term Neurotoxic Effects of Early-life Exposure to Tetrachloroethylene-contaminated Drinking Water
SCHOOL OF PUBLIC HEALTH (SPH) EPIDEMIOLOGY	ASCHEGRAU ANN	Long-term Neurotoxic Effects of Early-life Exposure to Tetrachloroethylene-contaminated Drinking Water
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SCHOOL OF PUBLIC HEALTH (SPH) EPIDEMIOLOGY	GALLAGHER LISA	Long-term Neurotoxic Effects of Early-life Exposure to Tetrachloroethylene-contaminated Drinking Water
SCHOOL OF PUBLIC HEALTH (SPH) EPIDEMIOLOGY	GETZ KELLY	Long-term Neurotoxic Effects of Early-life Exposure to Tetrachloroethylene-contaminated Drinking Water
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THE PHOTONICS CENTER	SAUER BUDGE ALEXIS	The biochemical origins of the surface-enhanced Raman spectra of bacteria: a metabolomics profiling by SERS