

1.A.21. Air Pollution and Health [Allied-AERE] Saturday | 8:00 am-9:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Suraj Ghimire, New Mexico Institute of Mining and Technology

- Fires and Public Health in the Brazilian Amazon.....Tiago Bonomo, Industrial Economics, Inc
- Air Pollution and Unhealthy Behaviors to Cope with Depression.....Yin Chu, Zhongnan University of Economics and Law
- Air Pollution, Avoidance Behavior, and Sleep.....Maghfira Ramadhani, Georgia Institute of Technology
- The Health and Economic Impacts of Dairy Air Pollution: Evidence from New Mexico.....Suraj Ghimire, New Mexico Institute of Mining and Technology; and Jingjing Wang, The University of New Mexico



1.A.22. Energy I [Allied-AERE] Saturday | 8:00 am-9:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Grant Jacobsen, Oregon State University

- Environmental Gains From Trade?! Assessing the Effects of Market Dispatch on Emissions from U.S. Electricity Generation.....Sara Asgari, University of Oklahoma
- Dark Days and Disrupted Commerce: The Cost of Power Outages to Commercial Customers.....Qingran Li, Clarkson University
- One More? Measuring the Resilience of Electric Utilities to Multiple Severe Weather Events.....Srishti Slaria, Illinois State University
- Decomposing Racial Gaps in Energy Burdens.....Mehmet Akif Aglar, Georgia Institute of Technology
- Shock Avoidance: High Bill Alert Programs and Energy Consumption.....Grant Jacobsen, Oregon State University



1.A.23. Stated Preferences I [Allied-AERE] Saturday | 8:00 am-9:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Jamal Mamkhezri, New Mexico State University

- Considering Coastal Conservation and Carbon: Willingness to Pay for Changes to Nearshore Management in Oregon.....Marcelo Pignatari, Utah State University
- The Personal Foundations of Environmental Stewardship.....Pankaj Kumar, Indian Statistical Institute, Delhi
- Geographical Partisan Preferences in Coastal Climate Adaptation: A Choice Experiment Conducted in Miami-Dade.....Ghamz E Ali Siyal, Florida Gulf Coast University
- How Much Do Households in Sierra Leone Value Improved Electricity Service Reliability?.....Rafia Zaman, Duke University; and Marc Jeuland, Duke University
- Implicit Bias in Clean Energy Transitions: Narrator Characteristics and Communication Strategies for Policy Adoption......Jamal Mamkhezri, New Mexico State University



1.B.21. Air Pollution I [Allied-AERE] Saturday | 10:00 am-11:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Andrew Earle, East Carolina University

- Labor Productivity Impacts of Air Purifiers.....Teevrat Garg, University of California, San Diego
- Smoggy Instruments: A Breath of Bias in Air Pollution Impact Studies.....Zhenxuan Wang, North Carolina State University; and Alex Yu, Wake Forest University
- Recreation Losses from Wildfire Smoke.....Bailey Kirkland, University of Wyoming
- General Equilibrium Effects of Carbon Offsets.....Daniel H. Karney, Ohio University; and Isla Globus-Harris, Colgate University
- A Review of Wildfire Smoke Exposure Measures and Their Implications for Economic Analyses.....Andrew Earle, East Carolina University; and Dylan Brewer, Georgia Institute of Technology



1.B.22. Energy II [Allied-AERE] Saturday | 10:00 am-11:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Erin Litzow, University of Texas at Dallas

- Targeted Interpretability for Causal Accuracy: Evidence from the Price Elasticity of Gasoline Demand.....Nima Rafizadeh, University of Massachusetts Amherst
- The Short-Term Price Elasticity of Wholesale Electricity Demand: A Double Machine Learning Approach.....Maryam Feyzollahi, University of Massachusetts Amherst
- Optimizing Energy Efficiency in U.S. Residential Housing: A Dynamic Approach.....Nahid Samimi, The University of New Mexico; and Jingjing Wang, The University of New Mexico
- Tax Policy and Energy Markets: Evaluating the Efficacy of Production Tax Relief on Oil & Gas Activity.....Dylan Brewer, Georgia Institute of Technology; Samuel Camacho, Stanford University; and Jerrod Penn, Louisiana State University
- Electric Cooking in the Energy Transition: How Much Subsidization Is Needed?.....Erin Litzow, University of Texas at Dallas



1.B.23. Stated Preferences II [Allied-AERE] Saturday | 10:00 am-11:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Jerrod Penn, Luisiana State University

- Beyond Official Warnings: How Peer Influence and Social Media Affect Wildfire Evacuation Decisions and Timing.....Yeongseon Baik, Texas A&M University; and Liqing Li, Texas A&M University
- Evaluating the Adaptation Benefits of Smallholder Solar Irrigation Systems in Kenya.....Alejandro Diaz-Herrera, Duke University; and Marc Jeuland, Duke University
- Preference and Willingness to Donate for Artificial Reef Enhancement.....Eugene Frimpong, University of Georgia
- Not Just a Random Forest: Using Bayesian Additive Regression Trees to Estimate Willingness to Pay to Protect Critical Habitat.....Brian Vander Naald, Drake University
- From Oath to Outcome: A Meta-Analysis on the Impact of Honesty Oaths on Hypothetical Bias.....Jerrod Penn, Louisiana State University; and Jamal Mamkhezri, New Mexico State University



1.D.21. Is Air Pollution Making Me Dumber? [Allied-AERE] Saturday | 3:00 pm-4:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: Scott Holladay, The University of Tennessee, Knoxville

- The Effects of Daily Air Pollution on Students and Teachers.....Sarah Chung, University of Miami
- The Effect of Air Pollution on Educational and Labor Marker Outcomes.....Nikos Zirogiannis, Indiana University
- Exhausted? The Effect of Diesel School Bus Emissions on Academic Achievement.....Maranna Yoder, University of Maryland
- Air Pollution and Students' High-stakes Exam Performance: Evidence from Mexico.....Scott Holladay, The University of Tennessee, Knoxville



1.D.22. Renewable Energy II [Allied-AERE] Saturday | 3:00 pm-4:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: Dylan Brewer, Georgia Institute of Technology

- The Distributional Effects of Renewable Energy, Plant by Plant.....Kristina Pitman, Colorado School of Mines
- Digital Dispatch and Demand Response during Grid Emergencies: Evidence from Household Cooling in California's Flex Alerts.....Maghfira Ramadhani, Georgia Institute of Technology; and Dylan Brewer, Georgia Institute of Technology
- BESS for Grid Stress? Battery Energy Storage Systems Effects on Electric Grid Congestion and Curtailment.....Andrew Hutchens, The University of Tennessee, Knoxville
- When Nickel Is Worth a Quarter: The Impact of the 2022 Lme Nickel Short Squeeze....Xiaoyang Wang, The University of New Mexico
- The Mortality Impacts of Fossil Fuel Thermal Power Plants..... Dylan Brewer, Georgia Institute of Technology



1.D.23. Political Economy, Game Theory, and Public Goods [Allied-AERE] Saturday | 3:00 pm-4:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: Connor Lubsen, University of Wyoming

- How Do Workers Perceive the Energy Transition? A Survey Experiment in the U.S. and Italy.....Colombe Ladreit, International Monetary Fund
- Preventing a Shared Risk: Intergroup Communication and Cooperation.....Juliana Unda, University of Massachusetts Amherst
- Competition and Preventive Investments in Climate Insurance.....Ananya Goyal, Queen Mary University of London
- Voluntary Public Good Provision with Heterogeneous Private Benefits.....Connor Lubsen, University of Wyoming



2.A.21. Pollution Control [Allied-AERE] Sunday | 8:00 am-9:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Claire Brunel, American University

- Spatial Effects of Diesel Taxes: Trade and Pollution.....Anna French, Arizona State University
- The Unequal Impact of Public Mistrust in Labor Markets: Evidence from an Environmental Disaster.....Rafael Ribas, Boise State University
- Estimating the Petrol Price Elasticity in India's Passenger Transport Sector.....Diya B. Mazumder, Soka University of America
- The Chinese Ban on Waste Imports and Plastics-Related Innovation in Europe.....Claire Brunel, American University



2.A.22. Climate Change I [Allied-AERE] Sunday | 8:00 am-9:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Jenny Apriesnig, Michigan Technological University

- Partisan Differences in Natural Hazard Risk: Evidence from Voters in Florida.....James Ji, University of Florida
- Climate Change and the Growth of Cities in Africa.....Laura Mazaud, Oregon State University
- Social Protection and Climate Resilience: Evidence from the Prevention of Evictions in At-Risk Communities.....Isaiah Magambo, Florida Gulf Coast University
- Flooded Cities Redux: Evidence from More Precise and Frequent Satellite Data.....John Gibson, University of Waikato
- Winter Weather Conditions and Economic Activity.....Jenny Apriesnig, Michigan Technological University



2.A.23. Water [Allied-AERE] Sunday | 8:00 am-9:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Guilherme DePaula, Iowa State University

- Dynamic Common Pool Resource Allocation in Coastal Aquifers: Examining the Impact of Heterogeneous Thresholds.....Lusi Xie, University of Georgia
- Governing Environmental Markets: Evidence from Irrigation in Water Markets.....Maximiliano Garcia, Brown University
- Effects of Alternate Wetting and Drying on Water Savings and Rice Yields in the Philippines.....Soumi Chandra, North Carolina State University
- Quantifying Heterogeneity in the Price Elasticities of Urban Water Demand: Evidence from a Southwestern U.S. Metropolitan Area.....Nahid Samimi, The University of New Mexico; and Jingjing Wang, The University of New Mexico
- Adapting to Disasters: Evidence from Drought in Brazil.....Guilherme DePaula, Iowa State University



2.B.21. Waste Management [Allied-AERE] Sunday | 10:00 am-11:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Jeffrey Wagner, Rochester Institute of Technology

- Heat after the Harvest: Farmer Choices and Perceptions of Crop Residue Burning in Thailand.....Adrian Lopes, American University of Sharjah
- Reducing Recycling Contamination Using an Information Nudge.....Jerrod Penn, Louisiana State University; and Brenna Jungers, Mississippi State University
- Feasibility Analysis of Anaerobic Digester Systems: Internalizing Social Benefits.....Suraj Ghimire, New Mexico Institute of Mining and Technology; and Jingjing Wang, The University of New Mexico
- The Effectiveness and Equity of Waste Pricing: Evidence from Massachusetts.....Hui Zhou, University of Rhode Island
- The Economics of AI in Waste Management.....Benjamin Bremer, Rochester Institute of Technology; and Jeffrey Wagner, Rochester Institute of Technology



2.B.22. Climate Change II [Allied-AERE] Sunday | 10:00 am-11:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Wei Wang, The Ohio State University

- The (Mis)Allocation Channel of Climate Change Evidence from Global Firm-level Microdata.....Tianzi Liu, Cornell University
- Factor-Biased Climate Change and Directed Innovation: Evidence from EU.....Enjie Ma, Cornell University
- The Framework and Evaluation of Carbon Sink Value in Coastal Wetlands: Evidence from Guangdong Province.....Xiaoying Yang, South China Sea Development Research Institute
- Clean Transition, International Capital Flows, and Optimal Climate Policies.....Wei Wang, The Ohio State University



2.B.23. Fish [Allied-AERE] Sunday | 10:00 am-11:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Amanda Lindsay, Bates College

- Potential Impacts of the Blob on Wild Salmon Populations in Alaska.....Kevin Berry, University of Alaska Anchorage
- Identifying Strategies to Promote Invasive Lionfish as a Seafood Option: Evidence from a Discrete Choice Experiment with Interaction Effects.....Julian Hwang, West Virginia University
- Beyond the Catch: Social Vulnerability and the Long-Term Impact of Fisheries Disasters.....Bijeta Bijen Saha, University of California, Santa Cruz
- The Economics of the Open Register System in the Global Fishing Industry..... Aishwarya Agarwal, University of Texas at Austin
- Marine Reserves in Rural Economies and Climate Resiliency.....Amanda Lindsay, Bates College



2.D.21. Agriculture [Allied-AERE] Sunday | 2:00 pm-3:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: John Bovay, Virginia Polytechnic Institute and State University

- Price Support and Farm-Level Diversification.....Andaleeb Rahman, Cornell University
- Harvesting Hunger: Opium Ban and Food Insecurity in Afghanistan..... Jafar Jafarov, Georgia State University; and Tejendra P. Singh, Georgia State University
- Do Farmers Tend to Enroll Marginal Cropland in the Conservation Reserve Program?.....Bryan Pratt, USDA Economic Research Service
- Causes of On-Farm Loss and Waste of Vegetables in the United States: Evidence from a Farm-Level Panel.....Wei Zhang, Virginia Polytechnic Institute and State University; and John Bovay, Virginia Polytechnic Institute and State University



2.D.22. Teaching Environmental and Resource Economics I [Allied-AERE] Sunday | 2:00 pm-3:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: Kent Kovacs, University of Arkansas at Little Rock

- Teaching Mathematical Optimization in Natural Resource Economics Using JuMP/Julia....Siddhartha Bora, West Virginia University
- An Environmental Introduction to Economics: Increasing Access to Economics.....Amanda Lindsay, Bates College
- Opportunities and Challenges of Using Experiential Learning to Teach Environmental Economics.....Monalisa Chatterjee, University of Southern California
- Drought or Deluge: A Water Conservation Classroom Game of Uncertain Costs and Benefits.....Kent Kovacs, University of Arkansas at Little Rock



2.E.21. Water Pollution [Allied-AERE] Sunday | 4:00 pm-5:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: Raymond Guiteras, North Carolina State University

- Environmental Impacts of Agricultural Intensification: Evidence from Brazil's Double-Cropping Boom.....Guilherme DePaula, Iowa State University
- Gendered and Distributional Impacts of Scaling Water Access: Evidence from Tap Water Policy in India.....Marc Jeuland, Duke University
- Quantifying the Economic Value of Reducing Aquatic Invasive Species in the New York State Waterways: Evidence from a Discrete Choice Experient.....Wendong Zhang, Cornell University
- Beyond the Neighborhood: Regional Amenities in Sorting Models.....Mo Van de Sompel, University of Virginia
- Demand Estimation with Strategic Complementarities: Sanitation in Bangladesh.....Raymond Guiteras, North Carolina State University



2.E.22. Teaching Environmental and Resource Economics II [Allied-AERE] Sunday | 4:00 pm-5:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: John Whitehead, Appalachian State University

- AI in the Environmental Economics Classroom.....Molly Espey, Clemson University
- From Efficiency to Inclusion: The Present and Future of Undergraduate Teaching in Environmental and Natural Resource Economics.....Jimena González-Ramírez, Manhattan College
- Connecting Environmental Economics Students in Their Own Backyard: A Student Experiential Exercise of California's Refinery Corridor.....Camille Antinori, San Francisco State University
- Using the AERE Survey of Environmental and Natural Resource Economists in the Classroom.....John Whitehead, Appalachian State University



3.A.21. Biodiversity [Allied-AERE] Monday | 8:00 am-9:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Lorán Chollete, Sacred Heart University

- Integrated Ecological-Economic Modeling of Wildlife Trafficking: Insights into Multi-Species Contraband Logistics and Conservation Implications.....Adrian Lopes, American University of Sharjah
- The Effect of Land Institutions on Reforestation Policies: Evidence from the New Deal's Civilian Conservation Corps (1930–2000).....Aparna Howlader, Chatham University
- Transboundary Impacts of Environmental Policy: Evidence from Migratory Birds along the East Asian-Australasian Flyway.....Wendong Zhang, Cornell University
- Long-Term Environmental Effects of the Indonesian Transmigration Program.....Francesco Cenerini, University of Illinois Urbana-Champaign
- Natural Capital, Biodiversity, and Corporate Efficiency.....Lorán Chollete, Sacred Heart University



3.A.22. Extreme Weather [Allied-AERE] Monday | 8:00 am-9:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Nikolai Cook, Wilfrid Laurier University

- The Impact of Coastal Flooding on the Time on Market for Residential Properties: Evidence from the Eastern U.S. Region.....Wai Yan Siu, Old Dominion University
- The Effect of Coastal Wetlands on Flood Mitigation during Tropical Cyclones: An Analysis of the East Coast and Gulf of Mexico....Xinyu Zeng, University of Georgia
- Too Hot to Work? Heat Waves and Construction Laborers in the U.S......Hyunsuk Oh, Iowa State University
- Don't Lose Your Cool: Temperature and Gun Violence in North America.....Nikolai Cook, Wilfrid Laurier University



3.B.21. Forests [Allied-AERE] Monday | 10:00 am-11:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Jill Caviglia-Harris, Salisbury University

- Agroforestry Adoption in New England: A SWOT-ANP Assessment.....Sajja Panta, University of New Hampshire
- Matching Method for Benefit Transfer of the Homeowner Benefits of Urban Tree Cover.....Kent Kovacs, University of Arkansas at Little Rock
- Oil Palm Expansion and the Economics of Forest Fragmentation.....Elías Cisneros, The University of Texas at Dallas
- Aligning Policy Incentives with Land Governance to Reduce Deforestation: Federal Pressure, Local Action, and Lessons from Brazil's Priority List.....Jill Caviglia-Harris, Salisbury University; and Katrina Mullan, University of Montana



3.B.22. Natural Disasters [Allied-AERE] Monday | 10:00 am-11:45 am |

Organizer: Brian Vander Naald, Drake University Chair: Gordon McCord, University of California, San Diego

- Load it Up: Economies of Scale, Market Power, and Natural Disasters in Ground Freight Transportation.....Gustavo Nino, University of Illinois Urbana-Champaign
- The effect of repeated hurricane exposure on health outcomes.....Angela Ture, University of Wyoming
- Valuing Disaster Prevention: Desert Locust Monitoring and Control.....Gordon McCord, University of California, San Diego



3.C.21. Health [Allied-AERE] Monday | 12:00 pm-1:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: Katrina Mullan, University of Montana

- Steering Adaptation: Heat, Driver Performance, and Cost-Sharing in Heavy-Duty Transportation.....Zhenxuan Wang, North Carolina State University
- Adulterated Spice: Lead Poisoning, Conflicts, and Fertility.....Shan Zhang, Old Dominion University
- Hotter Days and Intimate Partner Violence in Latin America.....Julieth Saenz-Molina, Fordham University
- Heat Exposure and Child Health: Evidence from India.....Jayjit Roy, Appalachian State University
- Who is vulnerable to smoke exposure from prescribed burning? Evidence from a Western US context.....Katrina Mullan, University of Montana



3.C.22. Enforcement and Compliance [Allied-AERE] Monday | 12:00 pm-1:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: Jay Shimshack, University of Virginia

- Invisible Barriers: Administrative Hierarchies and the Costless Environmental Pollution.....Yitian Zhang, Shanghai Jiao Tong University
- The Effect of Emissions Regulation on Landfill Compliance Behavior.....Yumin Hong, The University of Texas at Austin
- Regulating Routine Flaring: Theory and Evidence.....Phuong Ho, Massachusetts Institute of Technology
- The Effects of Water System Grades on Drinking Water Quality and Compliance.....Jay Shimshack, University of Virginia



3.D.21. Recreation [Allied-AERE] Monday | 2:00 pm-3:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: Craig Landry, University of Georgia

- Estimating Recreation Benefits of Avoiding Blue Green Algae and Red Tide in South Florida.....John Whitehead, Appalachian State University
- Demand for Wyoming Fishing and Recreation under Climate Change.....Tristin Waggener, University of Wyoming
- U.S. Grassland Recreation under Climate Change: Evidence from Big Visitation Data and Weather.....Kaylee Wells, University of Illinois Urbana-Champaign
- Are Nutrient Policy Impacts on Recreation in Lake Erie as Murky as the Water?.....Farzaneh Sabbagh, University of New Hampshire
- Valuing Ecological Service Flows in Regional and National Models of Florida Recreation Demand Using Mobile Phone Data of Florida Recreation Demand Using Mobile Phone Data.....Craig Landry, University of Georgia



3.D.22. Payments for Ecosystem Services [Allied-AERE] Monday | 2:00 pm-3:45 pm |

Organizer: Brian Vander Naald, Drake University Chair: Gregory Howard, East Carolina University

- The Impact of Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) on Aviation CO2 Emissions.....Qingxin He, East Carolina University
- We'll Do It for Less: Continuity in Ecosystem Services Provision under Decreasing Payments.....Alejandro Diaz-Herrera, Duke University
- Evaluating Payments for Ecosystem Services: Cover Cropping and Water Quality in the Midwest.....Shuo Yu, University of California, Berkeley
- Optimal Farmer Compensation for Carbon Sequestration.....Khyati Malik, National Bureau of Economic Research
- When Subsidizing a Good Goes Bad: An Economics Experiment Application for Agricultural Conservation Programs.....Gregory Howard, East Carolina University