

AERE@WEAI Program for WEAI 2025 Annual Conference, San Francisco, California
 Noelwah R. Netusil, 2025 AERE@WEAI session organizer: netusil@reed.edu

February 19, 2025

	Room A	Room B
June 21		
8:15-10:00	DISTRIBUTIONAL OUTCOMES (4)	
10:15-12:00	TRANSPORT (4)	FINANCE (4)
12:30-2:15	NATURAL DISASTERS (4)	ENERGY (4)
2:30-4:15	FORESTS & FISHERIES (4)	HEALTH & ENVIRONMENT (4)
4:30-6:15	AGRI-ENVIRONMENTAL POLICY (4)	TRADE AND ENVIRONMENT (3)
<i>AERE members are welcome to join us for an AERE-sponsored reception with drinks and appetizers June 21st, time and location to be determined</i>		
June 22		
8:15-10:00	CLIMATE CHANGE (4)	
2:30-4:15	AIR POLLUTION (4)	WATER MANAGEMENT (4)
4:30-6:15	WILDFIRES (3)	ENVIRONMENT & DEVELOPMENT (3)
June 23		
8:15-10:00	NATURAL DISASTERS & HEALTH (4)	
10:15-12:00	ENFORCEMENT & COMPLIANCE (4)	POLLUTION CONTROL (3)

ROOM A

June 21 @ 8:15-10:00

Allied Society: AERE

DISTRIBUTIONAL OUTCOMES

Organizer: Noelwah R. Netusil, Reed College

Chair: Lauren Beatty, Environmental Defense Fund

Papers:

Is Air Quality Color Coded? Evidence from Purple Air Monitoring Data from Chicago

Lopamudra Chakraborti, Loyola University Chicago (Presenter); Mena Whalen, Loyola University Chicago; Megan Barnhart, Loyola University Chicago

As Time Goes By: Redlining and Kinship and Environmental Justice

Kaiyi Wen, Binghamton University; Neha Khanna, Binghamton University (Presenter)

Measuring Exposure to Environmental and Social Risks Among Manufactured Housing Units

Elise Breshears, U.S. Environmental Protection Agency (Presenter); Noah Durst, Michigan State University; Zachary Lamb, University of California, Berkeley

Rawls for Environmental Justice: Equitably Reducing Air Pollution Exposure from Electricity Generation

Lauren Beatty, Environmental Defense Fund (Presenter); Matthias Fripp, Environmental Defense Fund

Discussants:

Neha Khanna, Binghamton University

Elise Breshears, U.S. Environmental Protection Agency

Lauren Beatty, Environmental Defense Fund

Lopamudra Chakraborti, Loyola University Chicago

ROOM A

June 21 @ 10:15-12:00

Allied Society: AERE

ENERGY: TRANSPORT

Organizer: Noelwah R. Netusil, Reed College

Chair: Jonathan Scott, University of Texas-Dallas

Papers:

Linear vs. Learning: Revisiting the Price Elasticity of Gasoline Demand with Machine Learning

Nima Rafizadeh, University of Massachusetts Amherst (Presenter)

Do EV Charging Stations Care about Electricity Rates?

Jae-Yu Jung, Michigan State University (Presenter)

Compete or Concede: Incumbent Automakers' Price and Product Choices in Response to Tesla's Entry

Mengjia Hu, University of Maryland College Park (Presenter)

Preventing a Vehicle Arms Race: The Social Benefits of "Weightless" Safety Ratings

Jonathan Scott, University of Texas-Dallas (Presenter)

Discussants:

Jae-Yu Jung, Michigan State University

Mengjia Hu, University of Maryland College Park

Jonathan Scott, University of Texas-Dallas

Nima Rafizadeh, University of Massachusetts Amherst

ROOM B

June 21 @ 10:15-12:00

Allied Society: AERE

FINANCE

Organizer: Noelwah R. Netusil, Reed College

Chair: Keaton Miller, University of Oregon

Papers:

Should Investors Care About Biodiversity Risk? The Link Between Biodiversity and Firm Performance

Thi Hong Van Hoang, Montpellier Business School; Thanh Thi Phuong Nguyen, Japan Securities

Research Institute; Marco Tedeschi, University of Polytechnique of Marche; Linh Pham, Lake Forest College (Presenter); Aristide Buiette, KPMG

Rainfall, Climate Shifts and Impacts on Forage Production Risks: Implications for Indexed Based Insurance Rating

Lawson Connor, University of Arkansas (Presenter); Eunchun Park, University of Arkansas; Walker Davis, University of Arkansas

Does Central Bank Talk on Climate Change Do More Harm Than Good? Evidence from Long-Run Bond Yields

Bhavya Gupta, University of Oxford (Presenter); Ramkishen S. Rajan, National University of Singapore

Modeling the Impacts of Climate Change for Household Budgets in Oregon

Keaton Miller, University of Oregon (Presenter)

Discussants:

Lawson Connor, University of Arkansas

Bhavya Gupta, University of Oxford

Keaton Miller, University of Oregon

Linh Pham, Lake Forest College

ROOM A

June 21 @ 12:30 – 2:15

Allied Society: AERE

NATURAL DISASTERS

Organizer: Noelwah R. Netusil, Reed College

Chair: Srishti Slaria, Illinois State University

Papers:

The Effects of a Mandatory Flood Risk Disclosure Law on Rent Prices in Texas

Iris Margetis, Michigan State University (Presenter)

Evaluating the Impact of FEMA's Community Rating System on Flood Insurance Update in Oregon

Noelwah R. Netusil, Reed College (Presenter); Chris Koski, Reed College; Nat Mills, Reed College

The Economic Impact of Inland Flooding in the United States: A Disaggregated Analysis

Judhajit Chakraborty, Colorado State University (Presenter); Jude Bayham, Colorado State University;

Christopher Goemans, Colorado State University; Dale Manning, University of Tennessee; Diellza

Muriqi, Colorado State University; Jordan Suter, Colorado State University

One More? Measuring the Resilience of Electric Utilities to Multiple Severe Weather Events

Srishti Slaria, Illinois State University (Presenter)

Discussants:

Noelwah R. Netusil, Reed College

Judhajit Chakraborty, Colorado State University

Srishti Slaria, Illinois State University

Iris Margetis, Michigan State University

ROOM B

June 21 @ 12:30 – 2:15

Allied Society: AERE

ENERGY

Organizer: Noelwah R. Netusil, Reed College

Chair: Apra Sinha, University of Delhi

Papers:

Estimating the Tradeoffs Revealed from Offshore Wind Energy Siting Decisions

Lisa Pfeiffer, NOAA National Marine Fisheries Service (Presenter); Paul Carvalho, Pacific States
Marine Fisheries Commission

*Booms, Busts, and Budget: Evaluating the Short- and Long-Term Effects of Fossil Fuel Wealth on State
Public Finance*

Srutakirti Mukherjee, University of Wyoming (Presenter); Alex James, University of Wyoming

The Energy Transition and Labor Market Dynamics: Evidence from Worker-Level Microdata

Minwoo Hyun, University of California Santa Barbara (Presenter)

Effect of Open Access Reform on Electricity Prices and Labor Market: Plant Level Evidence from India

Apra Sinha, Department of Finance and Business Economics, University of Delhi, (Presenter); Tarun

Mehta, Council for Energy, Environment and Water; Surender Kumar, Delhi School of Economics;

Gopal Sarangi, TERI SAS

Discussants:

Srutakirti Mukherjee, University of Wyoming

Minwoo Hyun, University of California Santa Barbara

Apra Sinha, University of Delhi

Lisa Pfeiffer, NOAA National Marine Fisheries Service

ROOM A

June 21 @ 2:30 – 4:15

Allied Society: AERE

FORESTS & FISHIES

Organizer: Noelwah R. Netusil, Reed College

Chair: Sonja H. Kolstoe, U.S. Forest Service

Papers:

Risk Perception and Risk Management Strategies of Nile Tilapia Farmers in Western Kenya

Fridah Nyakundi, Stanford University (Presenter); Rosamond (Roz) Naylor, Stanford University; David Battisti, University of Washington

The Differential Responses of Farmers on Private and Public Lands to Droughts in the Brazilian Amazon

Bruno Pimenta, University of California Davis (Presenter)

Conversion of Natural Forests to Plantations Induced by Wood Pellet Expansion

Zichu Zhao, Le Moyne College (Presenter); David Lewis, Oregon State University

Economic Impacts of Hurricane Michael on Timberland Values in the Southeastern United States

Nazrina Haque, Oregon State University (Presenter); David Lewis, Oregon State University

Discussants:

Bruno Pimenta, University of California Davis

Zichu Zhao, Le Moyne College

Nazrina Haque, Oregon State University

Fridah Nyakundi, Stanford University

ROOM B

June 21 @ 2:30 – 4:15

Allied Society: AERE

HEALTH AND ENVIRONMENT

Organizer: Noelwah R. Netusil, Reed College

Chair: Michael Springborn, University of California Davis

Papers:

Human Health and Behavioral Response to a Folivore Invasive Species

Tommaso Penati, University of Maryland College Park (Presenter)

Long-Run Effects of Radiation Exposure on Mortality: Evidence from Nuclear Weapon Tests in the U.S.

Yuqing Han, University of Illinois Urbana-Champaign (Presenter)

Arsenic in Drinking Water and Infant Health

Wenjie Zhan, University of California Davis (Presenter)

The Enemy of my Enemy is my Friend: Evidence of Ecosystem Disruption Benefits from Invasive Ants

Michael Springborn, University of California Davis (Presenter); Joakim Weill, Federal Reserve Board of Governors; Paul Mwebaze, University of Illinois at Urbana-Champaign

Discussants:

Yuqing Han, University of Illinois Urbana-Champaign

Wenjie Zhan, University of California Davis

Michael Springborn, University of California Davis

Tommaso Penati, University of Maryland College Park

ROOM A

June 21 @ 4:30-6:15

Allied Society: AERE

AGRI-ENVIRONMENTAL POLICY

Organizer: Noelwah R. Netusil, Reed College

Chair: Kent Kovacs, University of Arkansas at Little Rock

Papers:

Wind Turbine Impacts on Parcel-Level Crop Yields

Qinan Lu, Renmin University of China, Nicole Karwowski, Montana State University; Karin Wu, National Taiwan University (Presenter)

Policy Instruments to Promote the Adoption of Sustainable Nitrogen Management Practices

Menglin Liu, University of Illinois at Urbana-Champaign (Presenter); Madhu Khanna, University of Illinois at Urbana-Champaign; Shady Atallah, University of Illinois at Urbana-Champaign

Evaluation of Arkansas "Most Crop per Drop" Irrigation Yield Contest

Qiuqiong Huang, University of Arkansas-Fayetteville (Presenter); Shahin Bahrami, Texas A&M University; Christopher Henry, University of Arkansas; Rodolfo Nayga, Texas A&M University

Evidence of Drought Effects on the Value of Agricultural Land

Kent Kovacs, University of Arkansas at Little Rock (Presenter); Bruce Ahrendsen, University of Arkansas

Discussants:

Menglin Liu, University of Illinois at Urbana-Champaign

Qiuqiong Huang, University of Arkansas-Fayetteville

Kent Kovacs, University of Arkansas at Little Rock

Karin Wu, National Taiwan University

ROOM B

June 21 @ 4:30-6:15

Allied Society: AERE

TRADE AND ENVIRONMENT

Organizer: Noelwah R. Netusil, Reed College

Chair: Sareh Vosooghi, KU Leuven

Papers:

Adulterated Spice: Lead Poisoning, Conflicts, and Fertility

Shan Zhang, Old Dominion University (Presenter) and Xinming Du, National University of Singapore

Greener Thy Neighbor? On the Welfare Effects of Protectionist Climate Policies

Saumya Deojain, University of Rochester; David Lindequist, Miami University (Presenter)

Coordination Among Politicians in Climate Coalition Formation in the Presence of Internal Discrepancies

Sareh Vosooghi, KU Leuven (Presenter); Amin Mirabdollah, KU Leuven

Discussants:

David Lindequist, Miami University

Sareh Vosooghi, KU Leuven

Shan Zhang, Old Dominion University

ROOM A

June 22 @ 8:15-10:00

Allied Society: AERE

CLIMATE CHANGE

Organizer: Noelwah R. Netusil, Reed College

Chair: Alexander Hill, Arizona State University

Papers:

Global Warming, Inequality and Dependence on the Environment

Turquier Remi, Paris School of Economics; Ignacio Oliva, University of California Davis (Presenter);

Moore Frances, University of California Davis

Institutional Analysis for Climate Adaptation: Lower Colorado Basin

Erin Sumner, Regis University (Presenter); Frank Ward, New Mexico State University; James Booker, Siena College

Savings and Migration in a Warming World

Alexander Abajian, University of California Santa Barbara (Presenter)

Crank up the A/C or Migrate: The Effect of Income on Climate Change Migration

Alexander Hill, Arizona State University (Presenter)

Discussants:

Erin Sumner, Regis University

Alexander Abajian, University of California Santa Barbara

Alexander Hill, Arizona State University

Ignacio Oliva, University of California Davis

ROOM A

June 22 @ 2:30 – 4:15

Allied Society: AERE

AIR POLLUTION

Organizer: Noelwah R. Netusil, Reed College

Chair: Philip Economides, Texas Tech University

Papers:

The Symmetric and Asymmetric Effect of Economic Policy Uncertainty, Oil Price and FDI on Environmental Sustainability of Africa

Derese Teklie, Istanbul Technical University (Presenter); Yagmur Mete Han, Istanbul Technical University

The Spatial Consequences of Directed Innovation under Environmental Regulation

Amy Min Zhang, The Pennsylvania State University (Presenter)

The Effects of a Clean Heating Policy on Air Quality in China

Jiaojing Ding, University of Georgia (Presenter)

Cargo Ships and Coastal Smog

Philip Economides, Texas Tech University (Presenter)

Discussants:

Amy Min Zhang, The Pennsylvania State University

Jiaojing Ding, University of Georgia

Philip Economides, Texas Tech University

Derese Teklie, Istanbul Technical University

ROOM B

June 22 @ 2:30 – 4:15

Allied Society: AERE

WATER MANAGEMENT

Organizer: Noelwah R. Netusil, Reed College

Chair: Erica Johnson, Gonzaga University

Papers:

Impacts of Water Shortages on Urban Households: Evidence from Mexico City

Jimena Rico-Straffon, University of California Santa Barbara (Presenter)

Water Scarcity and Housing Development: New Evidence from an Integrated Physical-Legal Metric

Mingzhou Shen, Pennsylvania State University (Presenter); Karen Fisher-Vanden, Pennsylvania State University; Douglas Wrenn, Pennsylvania State University

Charging for Water: Household Consumption and Block Rates

William Duncan, University of Kansas; Srishti Slaria, Illinois State University (Presenter)

Do Residential Water Use Restrictions Reduce Water Consumption?

Erica Johnson, Gonzaga University (Presenter)

Discussants:

Mingzhou Shen, Pennsylvania State University

Srishti Slaria, Illinois State University

Erica Johnson, Gonzaga University

Jimena Rico-Straffon, University of California Santa Barbara

ROOM A

June 22 @ 4:30 – 6:15

Allied Society: AERE

WILDFIRES

Organizer: Noelwah R. Netusil, Reed College

Chair: Jamie Hansen-Lewis, University of California Davis

Papers:

Time Allocation, Wildfire-Induced Air Pollution, and Smartphone Mobility Data

Clara Berestycki, Columbia University (Presenter); Keith Chen, UCLA Anderson

Shaping the Landscape: Do Fuel Treatments Reduce Economic Damages From Large Wildfires?

Frederik Strabo, University of California Davis (Presenter); Matthew Reimer, University of California Davis; Calvin Bryan, Colorado State University

Birth Outcomes in the Age of Megafires: Evidence from U.S. Wildfire Smoke Exposure

Jamie Hansen-Lewis, University of California Davis (Presenter); Laura Alcocer, University of California Davis

Discussants:

Frederik Strabo, University of California Davis

Kent Kovacs, University of Arkansas at Little Rock

Clara Berestycki, Columbia University

ROOM B

June 22 @ 4:30 – 6:15

Allied Society: AERE

ENVIRONMENT AND DEVELOPMENT

Organizer: Noelwah R. Netusil, Reed College

Chair: Sonja H. Kolstoe, U.S. Forest Service

Papers:

Impact Assessment of Rural Electrification in India: The Saubhgaya Scheme

Kaitlynn Sandstrom-Mistry, University of California Los Angeles (Presenter); Deepak Rajagopal, University of California Los Angeles

Electrifying Empowerment: Women Role Models and Solar Electrification in Rural Myanmar

Ferran Vega Carol, Duke University (Presenter); Subhrendu Pattanayak, Duke University; Mani Nepal, International Centre for Integrated Mountain Development (ICIMOD); Zin New, Innovations for Poverty Action

Shining the Sun on Blackouts: How Does Solar Energy Affect Grid Reliability in India?

Siddhi Doshi, Tufts University (Presenter)

Discussants:

Ferran Vega Carol, Duke University

Siddhi Doshi, Tufts University

Kaitlynn Sandstrom-Mistry, University of California Los Angeles

ROOM A

June 23 @ 8:15 – 10:00

Allied Society: AERE

NATURAL DISASTERS AND HEALTH

Organizer: Noelwah R. Netusil, Reed College

Chair: Peiley Lau, U.S. EPA, National Center for Environmental Economics

Papers:

A Dual Battle in Despair: Flooding and Opioid Crisis in Appalachia

Mengjun Ge, Pennsylvania State University (Presenter); Zhen Lei, Pennsylvania State University; Kristina Brant, Pennsylvania State University

Development, Flooding, and Child Health Outcomes in Zambia

Theresa Ng'andu, University of Wisconsin Madison (Presenter)

Climate Hazards, Childhood Experiences, and Development Trajectories: The Long-Term Impact of GLOF Exposure

Olivia Finan, University College Dublin (Presenter); Kira Finan, University College Dublin; Orla Doyle, University College Dublin

Estimating the Impact of Extreme Temperature on the Excess Mortality in Texas Correctional Facilities

Peiley Lau, U.S. EPA, National Center for Environmental Economics (Presenter); Tina Bardot, ORISE Fellow, U.S. EPA

Discussants:

Theresa Ng'andu, University of Wisconsin Madison

Olivia Finan, University College Dublin

Peiley Lau, U.S. EPA, National Center for Environmental Economics

Mengjun Ge, Pennsylvania State University

ROOM A

June 23 @ 10:15 – 12:00

Allied Society: AERE

ENFORCEMENT AND COMPLIANCE

Organizer: Noelwah R. Netusil, Reed College

Chair: Gabriel Lara, University of California Irvine

Papers:

Can Central Banks Alleviate Financial Risk Caused by Extreme Weather Events? Cross-County Evidence

Junzhao Wang, Xi'an Jiaotong University (Presenter)

Environmental Impacts of Industry Consolidation: A Study of Solid Waste Management Facilities

Yumin Hong, University of Texas at Austin (Presenter)

Regulating Routine Flaring: Theory and Evidence

Phuong Ho, Massachusetts Institute of Technology (Presenter); Nouri Najjar, Western University;

Brandon Schaufele, Western University

Birth Outcomes and Drinking Water Regulation: Evaluating the Impact of Arsenic Standards in California

Gabriel Lara, University of California Irvine (Presenter); Maura Allaire, Arizona State University; Jun

Wu, University of California Irvine; Qi Bing, University of California Irvine

Discussants:

Yumin Hong, University of Texas at Austin

Phuong Ho, Massachusetts Institute of Technology

Gabriel Lara, University of California Irvine

Junzhao Wang, Xi'an Jiaotong University

ROOM B

June 23 @ 10:15 – 12:00

Allied Society: AERE

POLLUTION CONTROL

Organizer: Noelwah R. Netusil, Reed College

Chair: Elise Breshears, U.S. Environmental Protection Agency

Papers:

Targeting in Environmental Programs: The Relationship Between Additionality and Long-Term Impacts

Kelsey Larson, Montana State University (Presenter)

The Economic Value of Water Pollution Trading Programs and Environmental Justice

Yoojin Cha, University of Texas at Austin (Presenter)

Back to School: The Impact of Schools on Local Air Pollution

Elise Breshears, U.S. Environmental Protection Agency (Presenter); Dylan Brewer, Georgia Institute of

Technology; Andrew Earle, East Carolina University

Discussants:

Yoojin Cha, University of Texas at Austin

Elise Breshears, U.S. Environmental Protection Agency

Kelsey Larson, Montana State University
