

**AERE@WEAI Program for WEAI 2025 Annual Conference, San Francisco, California**  
 Noelwah R. Netusil, 2025 AERE@WEAI session organizer: [netusil@reed.edu](mailto:netusil@reed.edu)

June 3, 2025

	Room A	Room B
<b>June 21</b>		
8:15-10:00	ENVIRONMENTAL JUSTICE (3)	
10:15-12:00	TRANSPORT (4)	FINANCE (4)
12:30-2:15	NATURAL DISASTERS (3)	ENERGY (3)
2:30-4:15	FORESTS & FISHERIES (4)	HEALTH & ENVIRONMENT (4)
4:30-6:15	AGRI-ENVIRONMENTAL POLICY (3)	TRADE AND ENVIRONMENT (3)
<i>AERE members are welcome to join us for an AERE-sponsored reception with drinks and appetizers on June 21<sup>st</sup> at The Harlequin Restaurant at 7pm (68 4th Street)—please make sure to RSVP to <a href="mailto:netusil@reed.edu">netusil@reed.edu</a> if you plan to attend</i>		
<b>June 22</b>		
8:15-10:00	CLIMATE CHANGE (4)	
2:30-4:15	AIR POLLUTION (3)	WATER MANAGEMENT (3)
4:30-6:15	WILDFIRES (3)	ENVIRONMENT & DEVELOPMENT (3)
<b>June 23</b>		
8:15-10:00	NATURAL DISASTERS & HEALTH (3)	
10:15-12:00	ENFORCEMENT & COMPLIANCE (3)	

**ROOM A**

June 21 @ 8:15-10:00

*Allied Society: AERE*

**ENVIRONMENTAL JUSTICE**

**Organizer:** Noelwah R. Netusil, Reed College

**Chair:** Lauren Beatty, Environmental Defense Fund

**Papers:**

*As Time Goes By: Redlining and Kinship and Environmental Justice*

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

*The Economic Value of Water Pollution Trading Programs and Environmental Justice*

Yoojin Cha, University of Texas at Austin (Presenter)

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

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

**Discussants:**

Yoojin Cha, University of Texas at Austin

Lauren Beatty, Environmental Defense Fund

Neha Khanna, Binghamton University

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## 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 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

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## 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 Buirette, 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

*Climate Talk or Market Shock? Assessing the Impact of Central Bank Discourse on Long-Term Bond Yields*

Bhavya Gupta, University of Oxford (Presenter); Ramkishan 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

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## 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:**

*Evaluating the Impact of FEMA's Community Rating System on Flood Insurance Uptake in Oregon*  
Noelwah R. Netusil, Reed College (Presenter); Chris Koski, Reed College; Nathaniel 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:**

Judhajit Chakraborty, Colorado State University

Srishti Slaria, Illinois State University

Noelwah R. Netusil, Reed College

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## ROOM B

June 21 @ 12:30 – 2:15

*Allied Society: AERE*

## ENERGY

**Organizer:** Noelwah R. Netusil, Reed College

**Chair:** Lisa Pfeiffer, Independent Researcher

**Papers:**

*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)

*Estimating the Tradeoffs Revealed from Offshore Wind Energy Siting Decisions*  
Lisa Pfeiffer, Independent Researcher (Presenter); Paul Carvalho, Pacific States Marine Fisheries Commission

**Discussants:**

Minwoo Hyun, University of California Santa Barbara

Lisa Pfeiffer, Independent Researcher

Srutakirti Mukherjee, University of Wyoming

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## ROOM A

June 21 @ 2:30 – 4:15

*Allied Society: AERE*

### FORESTS & FISHERIES

**Organizer:** Noelwah R. Netusil, Reed College

**Chair:** Jamie Hansen-Lewis, University of California Davis

**Papers:**

*Perceived Risk and Risk Management Strategies in Nile Tilapia Aquaculture in 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

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## 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)

*Invasive Fire Ants and the Long Term Impacts of Agroecosystem Adaptation*

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

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## 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)

*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:**

Qiuqiong Huang, University of Arkansas-Fayetteville

Kent Kovacs, University of Arkansas at Little Rock

Karin Wu, National Taiwan University

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## 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)

*Political Coordination in Climate Coalitions Amid 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

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## ROOM A

June 22 @ 8:15-10:00

*Allied Society: AERE*

### CLIMATE CHANGE

**Organizer:** Noelwah R. Netusil, Reed College

**Chair:** Alex 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

*Water Markets Under Stress: Economic Efficiency of Trading Under Drought*

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 Mitigation*

Alexander Hill, Arizona State University (Presenter)

#### Discussants:

Erin Sumner, Regis University

Alexander Abajian, University of California Santa Barbara

Alex Hill, Arizona State University

Ignacio Oliva, University of California Davis

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## 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 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:

Jiaojing Ding, University of Georgia

Philip Economides, Texas Tech University

Amy Min Zhang, The Pennsylvania State University

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## 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)

*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:**

Srishti Slaria, Illinois State University

Erica Johnson, Gonzaga University

Jimena Rico-Straffon, University of California Santa Barbara

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## 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

*Infant Health 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

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## ROOM B

June 22 @ 4:30 – 6:15

*Allied Society: AERE*

### ENVIRONMENT AND DEVELOPMENT

**Organizer:** Noelwah R. Netusil, Reed College

**Chair:** Jiaojing Ding, University of Georgia

#### 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 Electricity 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

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## ROOM A

June 23 @ 8:15 – 10:00

*Allied Society: AERE*

### NATURAL DISASTERS AND HEALTH

**Organizer:** Noelwah R. Netusil, Reed College

**Chair:** Noelwah R. Netusil, Reed College

#### 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

#### Discussants:

Theresa Ng'andu, University of Wisconsin Madison

Olivia Finan, University College Dublin

Mengjun Ge, Pennsylvania State University

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## 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:**

*The Effect of Methane Regulation on Landfill Violation Behavior*

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

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

Kelsey Larson, Montana State University (Presenter)

*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:**

Phuong Ho, Massachusetts Institute of Technology

Kelsey Larson, Montana State University

Gabriel Lara, University of California Irvine

Yumin Hong, University of Texas at Austin

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