

AERE@WEAI Program for WEAI 2024 Annual Conference, Seattle, Washington
 Noelwah R. Netusil, 2024 AERE@WEAI session organizer: netusil@reed.edu
 June 7, 2024

	Room A	Room B
June 30		
8:15-10:00	NATURAL RESOURCES	
10:15-12:00	ENERGY: ELECTRIC VEHICLES	AGRICULTURE
12:30-2:15	BIG DATA	FOREST RESOURCES
2:30-4:15	ENERGY	CLIMATE CHANGE IMPACTS I
4:30-6:15	NATURAL DISASTERS	FINANCE AND ENVIRONMENT
<i>AERE members are welcome to join us for an AERE-sponsored reception with drinks and appetizers June 30th at 6:45pm, Yard House: 1501 4th Avenue (Big Fan Room) Meet at the WEAI conference registration desk at 6:30pm for the 10-minute walk to the restaurant or meet us there</i>		
July 1		
8:15-10:00	ENVIRONMENT AND HEALTH	CLIMATE CHANGE IMPACTS II
2:30-4:15	WATER MANAGEMENT	AIR POLLUTION
4:30-6:15	TRADE AND ENVIRONMENT	FISHERIES
July 2		
8:15-10:00	SPATIAL ANALYSIS	
10:15-12:00	POLLUTION CONTROL	NON-MARKET VALUATION

ROOM A

June 30 @ 8:15-10:00

Allied Society: AERE

NATURAL RESOURCES

Organizer: Noelwah R. Netusil, Reed College

Chair: Dede Long, Harvey Mudd College

Papers:

The Economic Value of Wildfire Impacts on Ecosystem Services in Watersheds: Evidence from Housing in Oregon's Willamette Basin

Yuhan Wang, Oregon State University (Presenter); Steven J. Dundas, Oregon State University; Amila Hadziomerspahic, U.S. Environmental Protection Agency; Beth M. Haley, Oak Ridge Institute for Science and Education (ORISE) U.S. Forest Service; Sonja H. Kolstoe, U.S. Forest Service

Is the National Flood Insurance Program Bad for Salmon?

Sunny Jardine, University of Washington (Presenter)

Can the Travel Cost Method Help End Fish Wars? An Approach with Alaska Salmon Diary Data

Aaron Enriquez, US Geological Survey; Kevin Berry, University of Alaska, Anchorage (Presenter); Stephen Newbold, University of Wyoming

Do Salt Marshes Mitigate Coastal Flood Damages? An Integrated Hydro-Economic Analysis

Xinyu Zeng, University of Georgia; Yukiko Hashida, University of Georgia; Dede Long, Harvey Mudd College (Presenter); Matthew Bilskie, University of Georgia

Discussants:

Sunny Jardine, University of Washington

Kevin Berry, University of Alaska, Anchorage

Dede Long, Harvey Mudd College

Yuhan Wang, Oregon State University

ROOM A

June 30 @ 10:15-12:00

Allied Society: AERE

ENERGY: ELECTRIC VEHICLES

Organizer: Noelwah R. Netusil, Reed College

Chair: Jonathan Scott, University of Texas-Dallas

Papers:

Households' Short-Run Heterogeneous Use of Electric Vehicles: Implications for Public Policy
Wesley Blundell, Washington State University (Presenter); Wendan Zhang, Renmin University of China; Clifford Winston, Brookings Institution

Who Receives Environmental Benefits from Driving Electric Vehicles?

Yucheng Wang, University of Pittsburgh (Presenter)

Do EV Charging Station Care about Electricity Rates?

Jae-Yu Jung, Michigan State University (Presenter)

Are Electric Vehicle Driving Costs Too High? The Implicit Cost of Range Anxiety

Jonathan Scott, University of Texas-Dallas (Presenter); Molin Qin, University of Wisconsin – Madison

Discussants:

Yucheng Wang, University of Pittsburgh

Jae-Yu Jung, Michigan State University

Jonathan Scott, University of Texas-Dallas

Wesley Blundell, Washington State University

ROOM B

June 30 @ 10:15-12:00

Allied Society: AERE

AGRICULTURE

Organizer: Noelwah R. Netusil, Reed College

Chair: Kelsey Johnson, Boise State University

Papers:

A Sustainable Agriculture for the Karst Region in Southwest China: Projected Land-Use Change Impacts on Ecosystem Services

Yuxi Wang, The Hong Kong University of Science and Technology (Presenter)

Agricultural Digitilization and Environmentally-Sensitive Input Applications: Evidence from U.S. Farmers' Fields

Jonathan McFadden, Economic Research Service, USDA (Presenter)

Competition and Patterns of Agricultural Intensification: Selection, Productivity and Chemical Pollution

Tristan du Puy, Columbia University (Presenter)

Picking up the PACE: An Empirical Analysis of Conservation Outcomes in the Presence of Payments for Agricultural Conservation Easements (PACE) Programs

Kelsey Johnson, Boise State University (Presenter); Lee Parton, Boise State University; Jayash

Paudel, American Public University System; Theresa Nogueira-McRae, American Farmland Trust; Matt

Williamson, Boise State University; Jodi Brandt, Boise State University

Discussants:

Jonathan McFadden, Economic Research Service, USDA

Tristan du Puy, Columbia University

Kelsey Johnson, Boise State University

Yuxi Wang, The Hong Kong University of Science and Technology

ROOM A

June 30 @ 12:30 – 2:15

Allied Society: AERE

BIG DATA

Organizer: Noelwah R. Netusil, Reed College

Chair: Ashley Lowe Mackenzie, University of Hawaii, Manoa

Papers:

Estimating the Effect of Climate Change on Outdoor Recreation Using Short-Run Weather Deviations and 'Big' Trip Data for U.S. Grasslands

Kaylee Wells, University of Illinois at Urbana-Champaign (Presenter)

The Effect of Natural Disaster Information on Evacuation: Evidence from Hurricane Forecasts and Alerts

Kevin Berry, University of Alaska, Anchorage; Jacob Gellman, University of Alaska, Anchorage (Presenter); Hannah Hennighausen, University of Alaska, Anchorage; Brett Watson, University of Alaska, Anchorage

Social Media Campaigns, Lobbying, and Legislation: Evidence from #climatechange and Energy Lobbies

Byeong-Hak Choe, State University of New York at Geneseo (Presenter)

Is a Photo Worth 1,000 Likes? The Influence of Instagram at National Parks

Ashley Lowe Mackenzie, University of Hawaii, Manoa (Presenter); Steve Dundas, Oregon State University

Discussants:

Kevin Berry, University of Alaska, Anchorage

Byeong-Hak Choe, State University of New York at Geneseo

Ashley Lowe Mackenzie, University of Hawaii, Manoa

Kaylee Wells, University of Illinois at Urbana-Champaign

ROOM B

June 30 @ 12:30 – 2:15

Allied Society: AERE

FOREST RESOURCES

Organizer: Noelwah R. Netusil, Reed College

Chair: Clark Lundberg, San Diego State University

Papers:

A Double Machine Learning Approach to Using Satellite Imagery for Environmental Impact Evaluation

Luke Sanford, Yale School of the Environment (Presenter)

Tribal Forest Rights and Firm Behavior

Raahil Madhok, University of Minnesota (Presenter)

Tropical Forest Protection and Land-Clearing Fires

Kelly Wu, University of California-Davis (Presenter)

Transportation Infrastructure, Market Access, and Deforestation

Ian Herzog, Huron University College; Clark Lundberg, San Diego State University (Presenter); Yue Yu, University of Toronto

Discussants:

Raahil Madhok, University of Minnesota

Kelly Wu, University of California-Davis

Clark Lundberg, San Diego State University

Luke Sanford, Yale School of the Environment

ROOM A

June 30 @ 2:30 – 4:15

Allied Society: AERE

ENERGY

Organizer: Noelwah R. Netusil, Reed College

Chair: Nicholas Irwin, University of Nevada, Las Vegas

Papers:

Decomposing Changes in Energy Efficiency: The Role of Building Codes

Elise Breshears, U.S. Environmental Protection Agency (Presenter)

Powering Down and Moving On? Energy Transition, Gentrification, and Local Impacts

Jancy Ling Liu, Georgia Institute of Technology (Presenter)

Do Solar Mini-Grids Improve Energy Access and Human Capital? Evidence from India

Margarita Petrushevich, University of Texas at Austin (Presenter)

Policy Trade-Offs due to Complimentary Resource Consumption: PV Adoption and Residential Water Use

Nicholas Irwin, University of Nevada, Las Vegas (Presenter); Alecia Cassidy, University of Alabama, Tuscaloosa

Discussants:

Jancy Ling Liu, Georgia Institute of Technology

Margarita Petrushevich, University of Texas at Austin

Nicholas Irwin, University of Nevada, Las Vegas

Elise Breshears, U.S. Environmental Protection Agency

ROOM B

June 30 @ 2:30 – 4:15

Allied Society: AERE

CLIMATE CHANGE IMPACTS I

Organizer: Noelwah R. Netusil, Reed College

Chair: Yuhang Pan, Peking University

Papers:

Welfare Effects of Climate Change on Outdoor Recreation: Evidence from Campground Reservations and Cancellations

Jacob Gellman, University of California, Santa Barbara; Zac Pond, University of California at Berkeley (Presenter); Matthew Wibbenmeyer, Resources for the Future

Climate Adaptation and the Gig Economy

Anna Papp, Columbia University (Presenter)

Driving Under the Heat: Temperature and Risky Road Behaviors in a Warming Climate

Hsing-Tsu Liao, National Taiwan University; Yau-Huo (Jimmy) Shr, National Taiwan University (Presenter); Feng-An Yang, National Taiwan University

Climate Change and Hospital Workload: Evidence from China

Yuhang Pan, Peking University (Presenter), Wanrui Wu and Gordon Liu, Peking University

Discussants:

Anna Papp, Columbia University

Yau-Huo (Jimmy) Shr, National Taiwan University

Yuhang Pan, Peking University

Zac Pond, University of California at Berkeley

ROOM A

June 30 @ 4:30-6:15

Allied Society: AERE

NATURAL DISASTERS

Organizer: Noelwah R. Netusil, Reed College

Chair: Sahan Dissanayake, Portland State University

Papers:

Deepening Inequalities? Evidence from Floods in Bangladesh

Fatima Najeeb, University of Maryland (Presenter)

Natural Disasters and Crime

Hannah Hennighausen, University of Alaska Anchorage (Presenter); Jacob Gellman, University of Alaska Anchorage; Brett Watson, University of Alaska Anchorage; Kevin Berry, University of Alaska Anchorage

Drought Response in the Western United States: Household Location Choices and Housing Market Feedback

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

Optimal Investments in Upstream Watersheds When Ecosystem Services are Jointly Produced: An Application to Mitigate Impacts on Wildfires on Drinking Water Quality

Beth Haley, Oak Ridge Institute for Science and Education (ORISE) U.S. Forest Service; Sahan Dissanayake, Portland State University (Presenter); Sonja Kolstoe, U.S. Forest Service; Anna Maher, U.S. Forest Service

Discussants:

Hannah Hennighausen, University of Alaska Anchorage

Mingzhou Shen, Pennsylvania State University

Sahan Dissanayake, Portland State University

Fatima Najeeb, University of Maryland

ROOM B

June 30 @ 4:30-6:15

Allied Society: AERE

FINANCE AND ENVIRONMENT

Organizer: Noelwah R. Netusil, Reed College

Chair: Minhong Xu, New York University

Papers:

Energy Transition Risks for Firms: Theory and Metrics

Alastair Fraser, University of Sydney (Presenter) and Carol McAusland, University of British Columbia

Monopsony Rent Surcharge to Corporate Income Tax for SDGs Funding

Mihoko Shimamoto, Hosei University (Presenter)

Induced Seismic Risk and Residential Mortgage Lending

Minhong Xu, New York University (Presenter); Meagan McCollum, University of Tulsa

Discussants:

Mihoko Shimamoto, Hosei University

Minhong Xu, New York University

Alastair Fraser, University of Sydney

ROOM A

July 1 @ 8:15-10:00

Allied Society: AERE

ENVIRONMENT AND HEALTH

Organizer: Noelwah R. Netusil, Reed College

Chair: Edward Barbier, Colorado State University

Papers:

Wildfires and Human Health: Evidence from 15 Wildfire Seasons in Chile

Rubi Arrizaga, Universidad de Santiago, Chile; Damian Clarke, University of Exeter; Pedro Cubillos, Universidad de Chile, Chile; J. Cristobal Ruiz-Tagle, London School of Economics (Presenter)

Forecasts and Adaptation to Smokes: Evidence from Residential Electricity and Water Consumption under Smoke Exposure and Smoke Forecasts in California

Yuqi Song, The Salata Institute for Climate and Sustainability at Harvard University (Presenter)

Unseen Toll of Extreme Heat and Humidity on Mental Health in Mexico

Yumin Hong, University of Texas at Austin (Presenter); Antonia Vazquez, University of Texas at Austin

Environmental Health Risks, Welfare and GDP

Edward Barbier, Colorado State University (Presenter); Angela Cindy Emefa Mensah, Pepperdine University

Discussants:

Yuqi Song, The Salata Institute for Climate and Sustainability at Harvard

Yumin Hong, University of Texas at Austin

Edward Barbier, Colorado State University

Rubi Arrizaga, Universidad de Santiago, Chile

ROOM B

July 1 @ 8:15-10:00

Allied Society: AERE

CLIMATE CHANGE IMPACTS II

Organizer: Noelwah R. Netusil, Reed College

Chair: Sandy Dall'erba, University of Illinois at Urbana-Champaign

Papers:

Accounting for Upper Limit in Return from Conservation Investments in Risk Diversification Strategies

Seong-Hoon Cho, University of Tennessee, Knoxville (Presenter); Nawon Kang, Texas A&M University; Charles Sims, University of Tennessee; Paul Armsworth, University of Tennessee; James Mingie, University of Tennessee; Gengping Zhu, Washington State University

Disentangling the Effects of Changing Mean and Variability in Water Supply from Snowmelt in Agricultural Production in Arid Regions

Samjhana Koirala, University of Connecticut (Presenter); Kimberly Rollins, University of Connecticut

Enduring Climate Imprints: Governors' Early-life Heatwave Exposure and Local Environmental Performance

Jiahuan Li, Hong Kong University of Science and Technology (Presenter) Jingbo Cui, Duke Kunshan University, and Chunhua Wang, Shanghai Jiao Tong University

Difference-in-Differences with Endogenous Externalities: Model and Application to Climate Econometrics

Sandy Dall'erba, University of Illinois at Urbana-Champaign (Presenter); William Ridley, University of Illinois at Urbana-Champaign; Yilan Xu, University of Illinois at Urbana-Champaign

Discussants:

Samjhana Koirala, University of Connecticut

Jiahuan Li, Hong Kong University of Science and Technology

Sandy Dall'erba, University of Illinois at Urbana-Champaign

Seong-Hoon Cho, University of Tennessee, Knoxville

ROOM A

July 1 @ 2:30 – 4:15

Allied Society: AERE

WATER MANAGEMENT

Organizer: Noelwah R. Netusil, Reed College

Chair: Mehdi Nemati, University of California, Riverside

Papers:

The Value of Designer Flows in River Conservation

Pierce Donovan, University of Nevada, Reno (Presenter); Lucas Bair, US Geological Survey

Do Water Markets Drive Ownership Consolidation? Evidence from California's Mojave Desert

Andrew Ayres, University of Nevada, Reno and Public Policy Institute of California (Presenter); Ellen Bruno, University of California, Berkeley

Reuse of Treated Municipal Wastewater in Drylands: A Multi-Sector Optimization Analysis

Oluwatosin Olofinsao, University of New Mexico (Presenter); Jingjing Wang, University of New Mexico; Robert Berrens, University of New Mexico

Fixed Costs, Capacity Utilization, and Economies of Scale in Municipal Water Supply

Mehdi Nemati, University of California, Riverside (Presenter); Michael Hanemann, Arizona State University; Kurt Schwabe, University of California, Riverside

Discussants:

Andrew Ayres, University of Nevada, Reno and Public Policy Institute of California

Oluwatosin Olofinsao, University of New Mexico

Mehdi Nemati, University of California, Riverside

Pierce Donovan, University of Nevada, Reno

ROOM B

July 1 @ 2:30 – 4:15

Allied Society: AERE

AIR POLLUTION

Organizer: Noelwah R. Netusil, Reed College

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

Papers:

Can Global Warming Help Reduce Future CO2 Emissions in the U.S. Residential Energy Market?

Alexander Hill, Arizona State University (Presenter)

China's Green Paradox: Electric Dreams versus Coal Realities and Battery Dominance

Phillip Lee, University of Southern California (Presenter)

Beliefs, Signal Quality, and Information Sources: Experimental Evidence on Air Quality in Pakistan

Shotaro Nakamura, Federal Trade Commission (Presenter); Sanval Nasim, Colby College; Arman Rezaee, University of California, Davis; Isra Imtiaz, Lahore University of Management Sciences

Do Emission Tests Improve Vehicle Efficiency? Evidence from Oregon

Elise Breshears, U.S. Environmental Protection Agency (Presenter)

Discussants:

Phillip Lee, University of Southern California

Shotaro Nakamura, Federal Trade Commission

Elise Breshears, U.S. Environmental Protection Agency

Alexander Hill, Arizona State University

ROOM A

July 1 @ 4:30 – 6:15

Allied Society: AERE

TRADE AND ENVIRONMENT

Organizer: Noelwah R. Netusil, Reed College

Chair: Rebecca Taylor, University of Illinois at Urbana-Champaign

Papers:

The Impact of Carbon Border Adjustment Tariff in Pollution Control

Patrik Hultberg, Kalamazoo College (Presenter); Darshana Udayanganie (Kalamazoo College)

Do Natural Resource Booms Lead to Resource Curses? The Impact of Avocado Export Protections on Michoacán

Michael Gibson, University of Maryland (Presenter)

Plastic Waste Trade and Coastal Litter: Evidence from Citizen Science Data

Rebecca Taylor, University of Illinois at Urbana-Champaign (Presenter); Shang Zhang, Old Dominion University; Hebe Williams, University of Sydney

Discussants:

Michael Gibson, University of Maryland

Rebecca Taylor, University of Illinois at Urbana-Champaign

Patrik Hultberg, Kalamazoo College

ROOM A

July 2 @ 8:15 – 10:00

Allied Society: AERE

SPATIAL ANALYSIS

Organizer: Noelwah R. Netusil, Reed College

Chair: Daniel Bigelow, Oregon State University

Papers:

If you Build it, Who will Come? Evidence from Montreal Bike Lanes expansion

Hugo Cordeau, University of Toronto (Presenter)

Locked Out: Land Use Transitions and Demographic Changes in Los Angeles

Phillip Lee, University of Southern California; Lizhong Liu, University of Southern California; Jing Kong, University of Southern California (Presenter)

Savings and Migration in a Warming World

Alexander Abajian, University of California, Santa Barbara (Presenter)

The Impact of Preferential Property Tax Treatment on Land Development

Daniel Bigelow, Oregon State University (Presenter); Todd Kuethe, Purdue University

Discussants:

Jing Kong, University of Southern California

Alexander Abajian, University of California, Santa

Daniel Bigelow, Oregon State University

Hugo Cordeau, University of Toronto

ROOM A

July 2 @ 10:15 – 12:00

*Allied Society: AERE***NON-MARKET VALUATION****Organizer:** Noelwah R. Netusil, Reed College**Chair:** Sahan Dissanayake, Portland State University**Papers:***Choice Experiments to Estimate the Spatial Provision of Public Goods*

Brian Robinson, McGill University (Presenter); Luci Lu, New Mexico State University; Charlotte Chang, Pomona College; James T. Erbaugh, The Nature Conservancy; Istvan Molnar, Lexunit; David Patt, Lexunit; Yuta Masuda, Paul G. Allen Family Foundation

Using Choice Experiments with Generalized Attributes to Understand Public Preferences for Historic Preservation

Bartosz Jusypenko, University of Warsaw (Presenter); Mikołaj Czajkowski, University of Warsaw; Ben White, Survey Engine GmbH

Using Recreation Demand Models to Resolve Conflict Between User Groups in Washington State

Braeden Van Deynze, Washington Department of Fish and Wildlife (Presenter); Lena Le, Washington State University

Trust and Coastal Flood Mitigation: An Analysis of Preferences, Institutional Trust and Tradeoffs

Sahan Dissanayake, Portland State University (Presenter); Melissa Haeffner, Portland State University; Wendy Sangucho Loachamin, Portland State University; Rebecca McLain, Portland State University

Discussants:

Bartosz Jusypenko, University of Warsaw

Braeden Van Deynze, Washington Department of Fish and Wildlife

Sahan Dissanayake, Portland State University

Brian Robinson, McGill University

ROOM B

July 2 @ 10:15 – 12:00

*Allied Society: AERE***POLLUTION CONTROL****Organizer:** Noelwah R. Netusil, Reed College**Chair:** Ryan Abman, San Diego State University**Papers:***Sharing the Benefits of a New Pipeline Using the Shapley Value in Baja California*

Lilia Garcia Manrique, University of Calgary (Presenter)

Firm's Optimal Decision to Invest in Carbon Capture, Utilization, and Storage (CCUS) using an Investment under Uncertainty Framework

Alivia Cochran, University of Wyoming (Presenter) and Charles F. Mason, University of Wyoming

Perverse Incentives in CCUS Policy Design

Joseph Stemmler, University of Oxford (Presenter); Andrew Waxman, The University of Texas at Austin

Water, Dust, and Environmental Justice: The Case of Agricultural Water Diversions

Ryan Abman, San Diego State University (Presenter); Eric Edwards, University of California, Davis; Danae Hernandez-Cortez, Arizona State University

Discussants:

Alivia Cochran, University of Wyoming

Joseph Stemmler, University of Oxford

Ryan Abman, San Diego State University

Lilia Garcia Manrique, University of Calgary