



# Association of Environmental and Resource Economists

## AERE Virtual Sessions at EEA

**Presenters are highlighted with red font.**

*Discussants are in italics.*

### [AERE1] Natural Disasters (JEL code: Q)

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Diego Cardoso**, Cornell University

The Story of a Hurricane: Local Government, NGOs, and Post-Disaster Assistance

**Evan Plous Kresch**, Oberlin College, **Ben Fitch-Fleischmann**, NorthWestern Energy

*Discussant: Mehrnoosh Asadi*

Hurricane Irma-Induced Disruption in Public Utilities: Household's Willingness to pay for improving Resiliency of Disrupted Utilities

**Mehrnoosh Asadi**, Florida International University; **Pallab Mozumder**, Florida International University;

*Discussant: Evan Plous Kresch*

What's at Stake? Understanding the Role of Home Equity in Flood Insurance Demand

**Yanjun Liao**, University of Pennsylvania; **Philip Mulder**, University of Pennsylvania

*Discussant: Joakim Armand Weill*

Perilous Risk Assessments: Evidence from the National Flood Insurance Program

**Joakim Armand Weill**, University of California, Davis

*Discussant: Yanjun Liao*

### [AERE2] Climate Change Policies (JEL code: Q)

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Evan Plous Kresch**, Oberlin College

Yea or Nay for Carbon taxes: Political economy and willingness to pay for carbon reduction in Washington

**Nathan W. Chan**, University of Massachusetts – Amherst; **Susan S. Sayre**, Smith College

*Discussant: Felipe Alberto Gomez Trejos*

Cap-and-trade vs. Carbon taxes: Efficiency implications of emissions price volatility in the power sector

**Felipe Alberto Gomez Trejos**, Arizona State University

*Discussant: Diego Cardoso*

Optimal carbon tax in oligopolies: An application to commercial aviation

**Diego S. Cardoso**, Cornell University

*Discussant: Anthony Wiskich*

Weighing cows, geoengineering and coal under a climate tipping risk

**Anthony Wiskich**, Australian National University

*Discussant: Nathan W. Chan*

**[AERE3] Climate Change & Adaptation (JEL code: Q)**

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Nathan W. Chan**, University of Massachusetts – Amherst

Climate Adjustment Costs

**Jeffrey Shrader**, Columbia University; **Nelson Lind**, Emory; **Mitch Downey**, Stockholm Institute for International Economic Studies

*Discussant: Harriet Brookes-Gray*

The impact of weather shocks on labor reallocation in South Africa

**Harriet Brookes-Gray**, Smith College

*Discussant: Jeffrey Shrader*

Irrigation and Climate Change: Evidence of Long-run Adaptation

**Charles A Taylor**, Columbia University

*Discussant: Jamie Mullins*

Migration as Adaptation: The Differential Impacts of Transitory Versus Permanent Shocks to Temperature

**Jamie T. Mullins**, University of Massachusetts - Amherst; **Prashant Bharadwaj**, University of California, San Diego

*Discussant: Charles Taylor*

**[AERE4] Health and Environmental Justice (JEL code: Q)**

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Bridget Hoffmann**, Inter-American Development Bank

Biodiversity and Cardiovascular Disease: Potential Benefits from California's Urban Forests

**John Joseph Giacinto**, California Polytechnic State University; **Jacqueline Doremus**, California Polytechnic State University

*Discussant: Casey Rozowski*

Pollution and Mortality: Estimating damages using pollutant specific abatement technologies

**Casey Rozowski**, North Carolina State University

*Discussant: Jason Brown*

Death of Coal and Breath of Life: The Effect of Power Plant Closure on Local Air Quality and Health

**Jason P Brown**, Federal Reserve Bank of Kansas City; **Colton Tousey**, Federal Reserve Bank of Kansas City

*Discussant: Richard DiSalvo*

Implications of Squeaky Wheels: Environmental Justice and Citizen Complaints in Oil and Gas Regulatory Compliance

**Richard W. DiSalvo**, Princeton University; **Elaine Hill**, University of Rochester; **Lujia Zhang**, Analysis Group

*Discussant: John Joseph Giacinto*

**[AERE5] Air Pollution (JEL code: Q)**

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Casey Rozowski**, North Carolina State University

Revealing Future Compliance Costs from Permit Banking Behavior

**Sylwia Bialek**, New York University; **Jeffrey Shrader**, Columbia University

*Discussant: Bridget Hoffman*

Particulate Matter and Labor Supply: Evidence from Mexico City

**Bridget Hoffmann**, Inter-American Development Bank; **Juan Pablo Rud**, University of London

*Discussant: Wenbo Meng*

The Effect of Driving Restriction Policies on Air Quality in Chinese Cities

**Wenbo Meng**, University of Colorado - Boulder;

*Discussant: Faraz Farhidi*

Why Do We Still Use Fossil-Fuel Energy: A Trade-off Analysis

**Zaeng Mawi**, Georgia State University; **Faraz Farhidi**, Georgia State University

*Discussant: Jeffrey Shrader*

**[AERE6] Green Production & Renewable Energy (JEL code: Q)**

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Yang Zhou**, Princeton University

(Mis)allocation of Renewable Energy Sources

**Mario Samano**, HEC Montreal; **Stefan Lamp**, Toulouse School of Economics

*Discussant: Bolarinwa Ajanaku*

Wind power penetration impacts on wholesale electricity market prices: Evidence from quantile regression approach

**Bolarinwa Ajanaku**, West Virginia University; **Alan Collins**, West Virginia University

*Discussant: Mario Samano*

Getting environmental services from green production certification: dynamic contracts and competing

**Jo Albers**, University of Wyoming; **Stephanie Brockmann**, University of New Hampshire;

*Discussant: Julien Xavier Daubanes*

Green Finance, Short-Termism, and Climate Policy

**Julien Xavier Daubanes**, University of Geneva; **Shema Frédéric Mitali**, University of Geneva; **Jean-Charles**

**Rochet**, University of Geneva

*Discussant: Stephanie Brockmann*

**[AERE7] Energy Programs (JEL code: Q)**

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Bolarinwa Ajanaku**, West Virginia University

The effect of rebate and loan incentives on residential heat pump adoption: Evidence from North Carolina  
**Xingchi Shen**, University of Maryland at College Park; **Yueming Qiu**, University of Maryland at College Park;  
**Pengfei Liu**, University of Rhode Island; **Anand Patwardhan**, University of Maryland at College Park;  
*Discussant: Brantley Liddle*

There's Technology Improvement, but is there Economy-wide Energy Leapfrogging? A Country Panel Analysis  
**Brantley Liddle**, National University of Singapore; **Hillard Huntington**, Stanford University  
*Discussant: Xingchi Shen*

Social Comparison and Energy Conservation: Mechanism, Heterogeneity and Timing  
**Yang Zhou**, Princeton University  
*Discussant: Muxi Yang*

Optimal Targeting in Information Provision Programs: Evidence from Home Energy Reports  
**Muxi Yang**, Cornell University; **Todd Gerarden**, Cornell University  
*Discussant: Yang Zhou*

**[AERE8] Environment and Development (JEL code: Q)**

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Jimena Gonzalez-Ramirez**, Manhattan College

The Ecological Impacts of Ethiopia's Productive Safety Net Program  
**Vis Taraz**, Smith College; **Kalle Hirvonen**, International Food Policy Research Institute; **Elia Machado**, City  
University of New York; **Andrew Simons**, Fordham University  
*Discussant: Susanna Berkouwer*

Credit and attention in the adoption of profitable energy efficient technologies in Kenya  
**Susanna Berkouwer**, Wharton School, University of Pennsylvania; **Joshua Dean**, University of Chicago  
*Discussant: Vis Taraz*

Gender Based Reservations in Politics and Deforestation in Rural India  
**Jamie T. Mullins**, University of Massachusetts – Amherst; **Onupurba Das**, University of Massachusetts - Amherst  
*Discussant: Adam Karim Soliman*

Rebel Groups as Firms: Illicit Activities, Natural Resources, and Substitution Behavior  
**Adam Karim Soliman**, Duke University  
*Discussant: Onupurba Das*

**[AERE9] Agri-Environmental Policies & Land Use (JEL code: Q)**

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Vis Taraz**, Smith College

Reversing property rights to address agricultural water pollution: Insights from a performance-based water quality trading system

**Hongxing Liu**, Lafayette College; **Wendong Zhang**, Iowa State University; **Elena Irwin**, The Ohio State University

*Discussant: Chengzheng Yu*

Time-Varying Adaptation to Climate Change in US Agriculture: A Generalized Long Differences Approach

**Chengzheng Yu**, University of Illinois, Urbana-Champaign; **Ruiqing Miao**, Auburn University; **Madhu Khanna**, University of Illinois, Urbana-Champaign

*Discussant: Wai Yan Siu*

Land-Use Change at the Peri-Urban Nexus: The Greenbelt Act Study

**Wai Yan Siu**, Utah State University; **Man Li**, Utah State University; **Arthur Caplan**, Utah State University

*Discussant: David Wolf*

The Cost of Algae Contamination: Identifying Lake Erie Homeowners' Marginal Willingness to Pay for Harmful Algal Bloom Removal

**David Wolf**, Kobe University; **Allen Klaiber**, The Ohio State University; **Sathya Gopalakrishnan**, The Ohio State University

*Discussant: Xongxing Liu*

**[AERE10] Behavioral Economics and Experiments (JEL code: Q)**

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Hongxing Liu**, Lafayette College;

Nudging Conservation: Do Nudges Influence Farmers' Willingness to Participate in Cover Crop Programs?

**Jimena Gonzalez-Ramirez**, Manhattan College; **Catherine Kling**, Cornell University; **David Keiser**, University of Massachusetts - Amherst

*Discussant: Linghui Wu*

Consume now, pay later: Experimental evidence of present bias under bill

**Madeline Werthschulte**, University of Muenster

*Discussant: Christina Korting*

Taking a Load Off: Experimental Evidence of Preferences for Control with an Application to Residential Electricity Demand

**Christina Korting**, University of Delaware

*Discussant: Madeline Werthschulte*

Farmer trade-offs between pest control and pollinator health: Evidence from a choice experiment with Midwestern Cucurbit Farmers

**Linghui Wu**, University of New Hampshire; **Dana Bauer**, Clark University; **Shadi Atallah**, University of Illinois, Urbana-Champaign; **Abby Kaminsky**, USDA Forest Service

*Discussant: Jimena Gonzalez-Ramirez*

**[AERE11] Miscellaneous Topics (JEL code: Q)**

Session Sponsored by *The Association of Environmental and Resource Economists (AERE)*

Session Organizer: **Jimena Gonzalez-Ramirez**, Manhattan College

Chair: **Christina Korting**, University of Delaware

Free Trade Agreements and the Environment

**Natalia Bezmaternykh**, Ryerson University; **Paul Missios**, Ryerson University

*Discussant: Chelsea Anne Pardini*

Facing fungicide resistance in grape production: A game theoretic approach

**Chelsea Anne Pardini**, Washington State University; **Ana Espinola-Arredondo**, Washington State University

*Discussant: Natalia Bezmaternykh*

Tree-Economics: An Evaluation of Green Public Goods using Spatial Boundary Discontinuities, Geospatial and Remote Sensing Methods

**Sofia Franco**, University of California Irvine; **Jacob Macdonald**, University of Liverpool

*Discussant: Gabriel Englander*

Information and Spillovers from Targeting Policy in Peru's Anchoveta Fishery

**Gabriel Englander**, University of California, Berkeley

*Discussant: Sofia Franco*