

AERE 2017 Pittsburgh

ASSOCIATION OF ENVIRONMENTAL AND RESOURCE ECONOMISTS

6TH ANNUAL SUMMER CONFERENCE

MAY 31 – JUNE 2, 2017

OMNI WILLIAM PENN HOTEL

PITTSBURGH, PENNSYLVANIA

AERE Annual Summer Conferences
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Information on General Sessions: All sessions are 90 minutes each. General Sessions typically include four papers. Each presenter will have 15-18 minutes, followed by 2-4 minutes of audience questions and feedback. No General Session presentation (including questions) can exceed 22 minutes – this will be strictly enforced by the session chair. Sessions with fewer than 4 papers must also follow this format – a maximum of 22 minutes per paper. This will allow audience members to move between sessions after one paper is completed and can see another paper start at about the same time in another session. To further enable this movement between sessions, papers should be presented in the order they appear in the program.

<u>Information on Sponsored Sessions</u>: Sponsored Sessions are 90 minutes each. Sponsored Sessions consist of three papers, each with 15 minutes for presentation, 8 minutes for a discussant, and 7 minutes for audience questions. No Sponsored Session presentation (including discussant and questions) can exceed 30 minutes – this will be strictly enforced by the session chair.

<u>AERE Press Policy</u>: Members of the press are welcome to register for the conference—credentials should be presented at Registration. Press are expected to follow rules of academic conference decorum. Q&A periods follow paper presentations in each session and time limits are managed by the assigned Session Chair.

<u>Transportation</u>: The cheapest way to get from the airport to Omni Penn William Hotel will be to take the 28X Airport Flyer public bus. The pick-up location is outside Door 6 of the baggage claim area and the closest stop to the hotel is at the corner of Seventh Ave at William Penn Pl. which is a 5-minute to the hotel. The bus leaves approximately every 30 minutes. The one-way trip will cost \$2.75 and must be paid in cash at the fare box at the front of the bus. Note that no change will be given. More information about the Airport Flyer can be found at the Pittsburgh Port Authority website (https://www.portauthority.org/paac/SchedulesMaps/AirportService.aspx). Ubers, Lyfts, and taxis are also available at the airport.

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SCHEDULE AT A GLANCE

	Wednesday, May 31, 2017	
7:00-8:00am	Workshop Registration and Continental	Three Rivers Foyer
	Breakfast	
8:00-5:00pm	Pre-Conference Workshop	Three Rivers
11:00-2:00pm	Conference Registration	Three Rivers Foyer
5:30-7:30pm	Conference Registration	Urban Foyer
6:00-8:00pm	Welcome Reception	Urban Room
	Thursday, June 1, 2017	
8:00-9:00am	Conference Registration and Continental Breakfast	William Penn Ballroom
9:00-10:30am	Parallel Papers Session 1	
10:30-11:00am	Poster Session and Coffee Break	William Penn Ballroom
11:00-12:30pm	Parallel Papers Session 2	
12:30-12:45pm	Break	Grand Ballroom
12:45-2:00pm	Lunch and AERE Awards	Grand Ballroom
2:00-2:45pm	Keynote Address: Janet Currie	Grand Ballroom
2:45-3:00pm	Coffee Break	Grand Ballroom
3:00-4:30pm	Parallel Papers Session 3	
5:00-6:30pm	Wine and Beer Cash Bar Meet-up	William Penn Ballroom
6:30-9:30pm	AERE Board Meeting (Invitation Only)	Sternwheeler
	Friday, June 2, 2017	
7:30-8:30am	Conference Registration and Continental Breakfast	William Penn Ballroom
8:30-10:00am	Parallel Papers Session 4	
10:00-10:30am	Poster Session and Coffee Break	William Penn Ballroom
10:30-12:00pm	Parallel Papers Session 5	
12:00-1:30pm	Lunch	On your own
1:30-3:00pm	Parallel Papers Session 6	
3:00-3:15pm	Coffee Break	William Penn Ballroom
3:15-4:45pm	Parallel Session 7	_

	1	ı			
	Breakout 10	Carnegie 3	Resources and ecosystem studies: Energy	Applications to Environmental and Resource Economics: Field Experiments I	International Environmental Issues: Development I
	Breakout 9	Oliver	Resources and Ecosystem Studies: Biodiversity and Climate Change	Resources and Ecosystem Studies: Climate Change I	Resources and Ecosystem Studies: Climate Change II
	Breakout 8	Phipps	The Behavioral Microeconomics of Energy and Water Use	Resources and Ecosystem Studies: Forest Resources I	Resources and Ecosystem Studies: Forest Resources II
	Breakout 7	Frick	Resource and Ecosystem Studies: Water Management I	Resource and Ecosystem Studies: Water Management II	Empirical Issues in Transport Economics
essions	Breakout 6	Conference C	Environment and Public Health	Resource and Ecosystem Studies: Fisheries I	Resource and Ecosystem Studies: Fisheries II
Thursday Parallel Sessions	Breakout 5	Conference B	Environmental Valuation: Stated Preferences	Environmental Valuation: Other Valuations Techniques	ТВА
Thursda	Breakout 4	Conference A	Pollution Control: Taxes	Panel 1 – Assessing Approaches to Updating the Social Cost of Carbon	Pollution Control: Voluntary Mechanisms
	Breakout 3	Sternwheeler	Sustainability, Renewables, and the Grid I	Sustainability, Renewables, and the Grid II	Shale Oil and Gas III
	Breakout 2	Riverboat	Pollution Control: Tradable Permits I	Pollution Control: Tradable Permits II	Emerging Data Opportunities I
	Breakout 1	Three Rivers	Sponsored Session - Shale Oil and Gas I	Sponsored Session - Emerging Data Opportunities I	JAERE Editors' Session
		Location	Parallel Session 1	Parallel Session 2	Parallel Session 3

				Friday	Friday Parallel Sessions	ssions				
	Breakout 1	Breakout 2	Breakout 3	Breakout 4	Breakout 5	Breakout 6	Breakout 7	Breakout 8	Breakout 9	Breakout 10
Location	Three Rivers	Riverboat	Sternwheeler	Conference A	Conference B	Conference C	Frick	Phipps	Oliver	Carnegie 3
Parallel Session 4	Sponsored Session - Shale Oil and Gas II	Emerging Data Opportunities II	Environmental Valuation: Revealed Preferences I	Panel 2 – Contemporary Standards for Stated Preference	Environmental Pollution: Air Pollution	Resources and Ecosystem Studies: Energy I	Growth and Environment: Technological Change I	Extensions of Standard Theory I	Resources and Ecosystem Studies: Transport	International Environmental Issues: Development II
Parallel Session 5	Sponsored Session – Emerging Data Opportunities	Pollution Control: Other Instruments II	Environmental Valuation: Revealed Preferences II	Pollution Control: Employment Effects	Environmental Pollution: Air and Water Pollution	Resources and Ecosystem Studies: Energy II	Growth and Environment: Technological Change II	Extensions of Standard Theory II	Agriculture: Agri- Environmental Policy and Climate Change	Applications to Environmental and Resource Economics: Field Experiments II
Parallel Session 6	Sponsored Session - Sustainability, Renewables, and the Grid	Emerging Data Opportunities and Big Data	Environmental Valuation: Revealed Preferences III	Resources and Ecosystem Studies: Renewable Resources	Environmental Pollution: Health Implications	Resources and Ecosystem Studies: Energy III	Growth, the Environment, and International Issues	Behavioral Economics in Agri- Environmental Policy	Agriculture: Agri- Environmental Policy	Pollution Control: Other Instruments III
Parallel Session 7	JAERE Editors' Session	Pollution Control: Other Instruments I	Environmental Valuation: Revealed Preferences IV	Resources and Ecosystem Studies: Non-Renewable Resources	Environmental Pollution: Avoidance Behavior and Mitigation	Resources and Ecosystem Studies: Energy IV	Resources and Ecosystem Studies: Natural Disasters	Prices, Inattention, and Information in Energy and Water Demand	Environment and the Firm	Applications to to Environmental and Resource Economics: Spatial Analysis

PARALLEL SESSION 1 – THURSDAY, JUNE 1, 2017 9:00-10:30AM

SHALE OIL AND GAS I – THREE RIVERS

Chairperson: Charles Mason, University of Wyoming

Learning by Viewing? Social Learning, Regulatory Disclosure and Firm Productivity in Shale Gas

T. Robert Fetter, Duke University

Co-Author(s): Andrew L. Steck, Duke University, Christopher Timmins, Duke University, and Douglas H. Wrenn, Pennsylvania State University

Averting expenditures and desirable goods: Consumer demand for bottled water in the presence of fracking

A. Justin Kirkpatrick, Duke University

Co-Author(s): T. Robert Fetter, Duke University

Analyzing the Risk of Transporting Crude Oil by Rail

Charles Mason, University of Wyoming

POLLUTION CONTROL: TRADABLE PERMITS I - RIVERBOAT

Chairperson: Daniel Karney, Ohio University

Conflict between cleaner air and cooler air? The effects of carbon trading experiment in Guangdong, China

Junming Zhu, Tsinghua University

Co-Author(s): Xiao LI, Tsinghua University

Waiting on the Courts: Effects of Policy Uncertainty on Pollution and Investment

Jackson Dorsey, University of Arizona

Technology Treaties and Climate Change

Marie-Catherine Riekhof, ETH Zurich

Co-Author(s): Hans Gersbach, ETH Zurich

The Effect of Electricity Sector Environmental Regulation on Nuclear Power Generation

Daniel Karney, Ohio University

SUSTAINABILITY, RENEWABLES, AND THE GRID I - STERNWHEELER

Chairperson: Martin D Heintzelman, Clarkson University

Implications of Multiple Electricity Price Regimes on Hydroelectric Power Plant Valuation with/without Ramping Rate Restrictions

Shilei Niu, Xi`an Jiaotong-Liverpool University

ELECTRICITY STORAGE, EMISSIONS TAXES, AND THE DYNAMIC VALUE OF RENEWABLE ENERGY

Miguel Castro, Michigan State University

Good neighbors? Microclimate impacts of wind farmson crop yields

Daniel Kaffine, University of Colorado Boulder

Predicting Residential Solar Adoption in New York State

Martin D Heintzelman, Clarkson University

Co-Author(s): Bebonchu Atems, Clarkson University

POLLUTION CONTROL: TAXES - CONFERENCE A

Chairperson: Andrew Leach, University of Alberta

Strategic Polluters in China: Geographic Spillovers in Water and Air Pollution

Youpei Yan, University of Maryland, College Park

Pass-through of firm-specific cost shocks: Evidence from gas stations near state borders

Samuel Stolper, Massachusetts Institute of Technology

Co-Author(s): Richard L. Sweeney, Boston College

Asset Ownership, Windfalls, and Income: Evidence from Oil and Gas Royalties

Jeremy Glenn Weber, University of Pittsburgh

Co-Author(s): Katie Black, Kenyon College and Shawn J. McCoy, University of Nevada, Las Vegas

Optimal finite resource royalties in the presence of priced externalities

Andrew Leach, University of Alberta

Co-Author(s): Branko Boskovic, University of Alberta and Charles Mason, University of Wyoming

ENVIRONMENTAL VALUATION: STATED PREFERENCES - CONFERENCE B

Chairperson: Christian A. Vossler, University of Tennessee

Disentangling impacts of payment and provision consequentiality and risk attitudes on stated preferences (Rank 2)

Ewa Zawojska, University of Alberta

Co-Author(s): Anna Bartczak, Univeristy of Warsaw and Mikolaj Czajkowski, University of Warsaw

Do Visual Representations Influence Survey Responses? Evidence from a Choice Experiment on Landscape Attributes of Green Infrastructure

Yau-Huo (Jimmy) Shr, Pennsylvania State University

Co-Author(s): Richard Ready, Montana State University

A New Baseline Model for Estimating Willingness to Payfrom Discrete Choice Models

Richard T Carson, University of California, San Diego

Co-Author(s): Mikolaj Czajkowski, University of Warsaw

Revisiting the gap between the willingness-to-pay and willingness-to-accept for environmental public goods

Christian A. Vossler, University of Tennessee

Co-Author(s): Stéphane Bergeron, Université Laval, Maurice Doyon, Université Laval, and Daniel Rondeau, University of Victoria

ENVIRONMENT AND PUBLIC HEALTH - CONFERENCE C

Chairperson: Tatyana Deryugina, University of Illinois, Urbana-Champaign

Air Pollution and Cognitive Ability of South Korean Elderly Adults

Ronald Shadbegian, Environmental Protection Agency

Co-Author(s): Young Sook Eom, Chonbuk National University and Yoon-Hyeong Choi Choi, Gachon University

Does Fine Particulate Matter Affect Teenage Labor Productivity?: Evidence from High School Track and Field Performance

Robert T Jones, UMass Dartmouth

Co-Author(s): Ronald Shadbegian, Environmental Protection Agency, Jacob Chao, National University of Singapore, and Takanao Tanaka, Deloitte

The Effect of Pandemics on Manufacturing Productivity: Evidence from the Spanish Influenza in Massachusetts

Linda Bui, Brandeis University

Long-Run Health Dynamics in the Wake of Disaster: Evidence from Hurricane Katrina

Tatyana Deryugina, University of Illinois, Urbana-Champaign

Co-Author(s): David Molitor, University of Illinois, Urbana-Champaign

RESOURCE AND ECOSYSTEM STUDIES: WATER MANAGEMENT I - FRICK

Chairperson: Yusuke Kuwayama, Resources for the Future

The impacts of water allocation limits on irrigation behavior

Taro Mieno, University of Nebraska, Lincoln

Co-Author(s): James Keeler, University of Nebraska, Lincoln, Karina Schoengold, University of Nebraska, Lincoln and Cory Walters, University of Nebraska, Lincoln

The Impact of Water Access on Short-term Migration in Rural India

Esha Zaveri, Stanford University

Co-Author(s): Douglas H. Wrenn, Pennsylvania State University and Karen Fisher-Vanden, Pennsylvania State University

How efficient are U.S. water rights markets among other natural resource markets?

Renata Rimsaite, Pennsylvania State University

Co-Author(s): Karen Fisher-Vanden, Pennsylvania State University and Sheila Olmstead, The University of Texas at Austin

Can Water Markets Price the Reliability of a Water Right Efficiently? Evidence from Transfers of Non-Consumptive Water Rights in Chile

Yusuke Kuwayama, Resources for the Future

Co-Author(s): Johanna Rayl, University of Chicago

THE BEHAVIORAL MICROECONOMICS OF ENERGY AND WATER USE – PHIPPS

Chairperson: Paul J. Ferraro, Johns Hopkins University

The Behavioralist as Policy Designer: the need to test multiple treatments to meet multiple targets.

Michael Price, Georgia State University

Co-Author(s): John List, University of Chicago, Robert Hahn, Oxford University, Robert Metcalfe, University of Chicago, and David Novgorodsky, University of Chicago

The roles of price and persuasion on consumer behavior

Casey J. Wichman, Resources for the Future

Co-Author(s): Daniel Brent, Louisiana State University

Motivating early habits for energy conservation

Laura Grant, Claremont McKenna College

The Longer-term Impacts of Efficient Technology as a Solution to Environmental Externalities: engineers vs behavioral scientists

Paul J. Ferraro, Johns Hopkins University

Co-Author(s): Francisco Alpizar, Centro Agronomico de Investigacion y Ensenanza and Maria Bernedo, University of Maryland, Baltimore County

RESOURCES AND THE ECOSYSTEM STUDIES: BIODIVERSITY AND CLIMATE CHANGE - OLIVER

Chairperson: Amy W. Ando, University of Illinois at Urbana of Champaign

Interest Groups, Litigation, and Agency Decisions: Evidence from the Endangered Species Act
Christian Langpap, Oregon State University

The Impact of Climate Change on Economic Production. Evidence from a Large Panel of Regions

Matthias Kalkuhl, Mercator Research Institute on Global Commons and Climate Change

See saws, close seconds, and safe bets: For which problems does spatial conservation portfolio analysis work best?

Amy W. Ando, University of Illinois at Urbana of Champaign

Co-Author(s): Jennifer Fraterrigo, University of Illinois at Urbana of Champaign, Glenn Guntenspergen, U.S. Geological Survey, Aparna Howlader, University of Illinois at Urbana of Champaign, Mindy Mallory, University of Illinois at Urbana of Champaign, Jennifer Olker, University of Minnesota at Duluth, and Samuel Stickley, University of Illinois at Urbana of Champaign

RESOURCES AND ECOSYSTEM STUDIES: ENERGY - CARNEGIE 3

Chairperson: Justin Johnson Kakeu, Morehouse College

The Role of Finance and Uncertainty in the Residential Solar Market: Evidence from the Third Party Ownership

Hao Deng, Yale University

Strategic bidding and transmission congestion: Evidence from the Texas electricity market

Matt Woerman, University of California, Berkeley

Habit Formation and the Risk-Pricing of Oil

Justin Johnson Kakeu, Morehouse College

Co-Author(s): Pierre Nguimkeu, Georgia State University

EMERGING DATA OPPORTUNITES I – THREE RIVERS

Chairperson: John L. Voorheis, US Census Bureau

Mind the Gap! Tax Incentives and Incentives for Manipulating Fuel Efficiency in the Automobile Industry

Shinsuke Tanaka, Tufts University

Dam Spillovers: Direct costs and spillovers from environmental constraints on hydroelectric generation

James Edward Archsmith, University of California, Davis

Pollution Exposure and Human Capital

John L. Voorheis, US Census Bureau

POLLUTION CONTROL: TRADABLE PERMITS II – RIVERBOAT

Chairperson: Bill Shobe, University of Virginia

Multilateral and Costly Linkages between Emissions Trading Systems

Simon Quemin, PSL Research University, Paris-Dauphine University

Co-Author(s): Baran Doda, Grantham Research Institute – LSE and Luca Taschini, Grantham Research Institute - LSE

Explaining the EUA-CER spread

Beat Hintermann, University of Basel

Co-Author(s): Marc Gronwald, University of Aberdeen

Action at a Distance: How Non-Binding Price Collars affect Spot Prices in Emission Markets

Bill Shobe, University of Virginia

Co-Author(s): Stephen Salant, University of Michigan-Ann Arbor and Neslihan Uler, University of Maryland

SUSTAINABILITY, RENEWABLES, AND THE GRID II - STERNWHEELER

Chairperson: Joshua Linn, Resources for the Future

Effects of Attribute-Based Regulation on Technology Adoption - The Case of Feed-In Tariffs for Solar Photovoltaic

Robert Germeshausen, Centre for European Economic Research (ZEW) Mannheim

Transition to Clean Technology and Market Power in the Deregulated Electricity Industry: Machine Learning Methods for Estimating Dynamic Response and Causal Inference

Hyeongyul Roh, North Carolina State University

The Unintended Consequences of Increasing the Capacity of Variable Generation into the Electricity Grid

Amanda Jean Harker Steele, University of Georgia

Co-Author(s): J. Wesley Burnett, College of Charleston and John C. Bergstrom, University of Georgia

How Have US Electricity Sector Nitrogen Oxides Emissions Caps Affected the Coal Sector?

Joshua Linn, Resources for the Future

Co-Author(s): Kristen McCormack, Resources for the Future

PANEL DISCUSSION 1 – CONFERENCE A

Organizer: NAS Committee on Assessing Approaches to Updating the Social Cost of Carbon, Maureen Cropper and Richard Newell, Co-Chairs

Assessing Aproaches to Updating the Social Cost of Carbon

Moderator: Casey J. Wichman, Resources for the Furture

Panelists: Max Auffhammer, University of California, Berkeley

Maureen Cropper, University of Maryland, College Park

Billy Pizer, Duke University

ENVIRONMENTAL VALUATION: OTHER VALUATION TECHNIQUES - CONFERENCE B

Chairperson: Robert J Johnston, Clark University

Willingness to pay for Water Quality by Lake Erie Recreational Anglers: A Combined Revealed-Stated Preference Approach

Hocheol Jeon, Korea Environment Institute

Co-Author(s): Wendong Zhang, Iowa State University and Brent Sohngen, Ohio State University

Does an oath script work to reduce the hypothetical bias? Evidence from random nth price auctions in China

Botao Qin, Xi`an Jiaotong University

Co-Author(s): Jason Shogren, University of Wyoming

Heterogeneity Across Management Districts and Implications for the Value of Groundwater as a Capital Asset

Ethan Addicott, Yale University

Co-Author(s): Eli Fenichel, Yale University

An Explicit Model of Distance Decay within Valuation Meta-Analysis: Implications for Water Quality Benefit Transfer

Robert J Johnston, Clark University

Co-Author(s): Elena Besedin, ABT Associates and Benedict Holland, ABT Associates

RESOURCE AND ECOSYSTEM STUDIES: FISHERIES I – CONFERENCE C

Chairperson: Matthew Reimer, University of Alaska Anchorage

Consolidation in Alaskan ports after the introduction of fishing property rights

Sara Anne Sutherland, Utah State University

Co-Author(s): Eric Edwards, Utah State University

Experimental Evidence on Voluntary Choices of Pooling systems for Fisheries Management and Harvesting Decisions

Keisaku Higashida, Kwansei Gakuin University

Co-Author(s): Jun Goto, Hitotsubashi University and Takahiro Matsui, Mie University

Understanding the Mechanisms Underlying the Economic Impacts of Spatial Marine Closures

Matthew Reimer, University of Alaska Anchorage

Co-Author(s): Alan Haynie, NOAA Fisheries

RESOURCE AND ECOSYSTEM STUDIES: WATER MANAGEMENT II - FRICK

Chairperson: Sanval Nasim, Lahore University of Management Sciences

Groundwater export restrictions and agricultural land values

Daniel Bigelow, USDA Economic Research Service

Co-Author(s): Anita Chaudhry, California State University, Chico, Jennifer Ifft, Cornell University, and Steven Wallander, USDA Economic Research Service

The Role of Peer Effects in Resource Extraction Technologies: The Case of Groundwater Irrigation in Kansas

Gabriel S Sampson, Kansas State University

Co-Author(s): Ed Perry, Kansas State University and Nathan Hendricks, Kansas State University

Does Imposing Status Quo on a Distinct Sample Bias the Results? Evidence from a Household Water Survey

Genius Murwirapachena, Nelson Mandela Metropolitan University

Co-Author(s): Johane Dikgang, University of Johannesburg

Groundwater Management Under Alternative Tenure Arrangements

Sanval Nasim, Lahore University of Management Sciences

Co-Author(s): Steven Helfand, University of California, Riverside and Ariel Dinar, University of California, Riverside

RESOURCES AND ECOSYSTEM STUDIES: FOREST RESOUCES I - PHIPPS

Chairperson: Christopher Mihiar, Oregon State University

Impact of cash crop cultivation on deforestation and soil depletion: Evidence from tobacco growing regions in Malawi

Aparna Howlader, University of Illinois at Urbana of Champaign

Co-Author(s): Hope Michelson, University of Illinois at Urbana of Champaign

Timber cruising with Faustmann: optimal inventory and harvest under volume uncertainty and price volatility

Matthew Ryan Sloggy, Oregon State University

Co-Author(s): David Kling, Oregon State University

Climate, adaptation, and the value of forestland: A national Ricardian analysis of the U.S.

Christopher Mihiar, Oregon State University

RESOUCECS AND ECOSYSTEM STUDIES: CLIMATE CHANGE I - OLIVER

Chairperson: Katherine Baylis, University of Illinois, Urbana-Champaign

Has the weather got you down? The impact of temperature on mental health.

Mengyao Li, University of Georgia

Co-Author(s): Susana Ferreira, University of Georgia and Travis Smith, University of Georgia

Depletion of the global carbon budget: A user cost approach

Ed Barbier, University of Wyoming

Co-Author(s): Joanne Burgess, University of Wyoming

Exogenous supply shocks and commodity prices: Evidence from potash mine disasters

Piotr Spiewanowski, Polish Academy of Sciences

Co-Author(s): Oskar Kowalewski, IÉSEG School of Management

Conservation Agriculture and Climate Resilience

Katherine Baylis, University of Illinois, Urbana-Champaign

Co-Author(s): Jeffrey Michler, University of Illinois at Urbana of Champaign, Mary Arends-Kuenning, University of Illinois at Urbana of Champaign, and Kizito Mazvimavi, International Crops Research Institute for the Semi-Arid Tropics

APPLICATIONS TO ENVIRONMENTAL AND RESOURCE ECONOMICS: FIELD EXPERIMENTS I – CARNEGIE 3

Chairperson: Andreas Lange, University of Hamburg

The Impact of Energy Audits and Retro-Commissioning on Building Energy Use in NYC

Paige Weber, Yale University

Public Education in Energy Boom Regions: Understanding the Impacts of Unconventional Oil and Gas Development on Public School Finances and Academic Achievement

Nathan Ratledge, Resources for the Future

Co-Author(s): Alan Krupnick, Resources for the Future

What predicts program effectiveness? Knowing about it. Evidence from a time-of-use electricity pricing experiment

Brian Prest, Duke University

A NIMBY effect in the private provision of public goods: using donation experiments to inform policy

Andreas Lange, University of Hamburg

Co-Author(s): Claudia Schwirplies, University of Hamburg

PARALLEL SESSION 3 – THURSDAY, JUNE 1, 2017 3:00-4:30PM

JAERE EDITORS' SESSION: DISTRIBUTIONAL EFFECTS OF ENERGY POLICY II – THREE RIVERS

Chairperson: Don Fullerton, University of Illinois, Urbana-Champaign

Are Energy Efficiency Standards Less Regressive Than Energy Taxes?

Arik Levinson, Georgetown University

Equity versus Efficiency in Energy Regulation

Billy Pizer, Duke University

Co-Author(s): Carolyn Fischer, Resources for the Future

Vertical and Horizontal Redistributions from a Carbon Tax and Rebate

Don Fullerton, University of Illinois, Urbana-Champaign

Co-Author(s): Julie Anne Cronin, U.S. Treasury Department, and Steven Sexton, Duke

University

EMERGING DATA OPPORTUNITES I - RIVERBOAT

Chairperson: Corey Lang, University of Rhode Island

Taxes vs. Standards as Policy Instruments: Evidence from the Auto Market

Cristian Huse, Stockholm School of Economics

Co-Author(s): Nikita Koptyug, Research Institute for Industrial Economics

Agglomeration in Agriculture: The Biofuel Quasi-Experiment in the Corn Belt

Michael McWilliams, University of Michigan-Ann Arbor

Co-Author(s): Michael Moore, University of Michigan-Ann Arbor

How Expectations Affect Environmental Voting: Evidence from a Statewide Exit Poll

Corey Lang, University of Rhode Island

SHALE OIL AND GAS III - STERNWHEELER

Chairperson: Timothy Fitzgerald, Texas Tech University

Learning Under Pressure: Hydraulic Fracturing

Andrew L. Steck, Duke University

Settlers of Barnett: Dynamics of Leasing Strategies in Oil and Gas

Anastasia Shcherbakova, University of Texas, Dallas

Co-Author(s): Alessio Saretto, University of Texas, Dallas

Well Confidentiality Laws and Oil and Gas Investment

Richard L. Sweeney, Boston College

Co-Author(s): Thomas Covert, University of Chicago

Asset Ownership, Windfalls, and Income: Evidence from Oil and Gas Royalties

Timothy Fitzgerald, Texas Tech University

Co-Author(s): Jason P. Brown, Federal Reserve Bank of Kansas City and Jeremy Glenn

Weber, University of Pittsburgh

POLLUTION CONTROL: VOLUNTARY MECHANISMS – CONFERENCE A

Chairperson: Xiang Bi, University of Florida

Do Community Characteristics Influence the Relocation of Toxic Facilities? Evidence from the Toxic Release Inventory

Xiao Wang, University of Illinois at Urbana Champaign

Co-Author(s): George Deltas, University of Illinois, Urbana-Champaign, Madhu Khanna, University of Illinois, Urbana-Champaign and Xiang Bi, University of Florida

Does Voluntary Self-Regulation Provide Regulatory Relief? A Lesson from the Responsible Care Program in the United States

Huan Li, Purdue University

Co-Author(s): Neha Khanna, Binghamton University

Eco-Label Competition in Central Africa's Forests: Drivers of Participation and Implications

Jacqueline Doremus, California Polytechnic State University

Can pollution prevention reduce pollution substitution?

Xiang Bi, University of Florida

Co-Author(s): Sangyoul Lee, University of Florida

RESOURCE AND ECOSYSTEM STUDIES: FISHERIES II - CONFERENCE C

Chairperson: Quinn Weninger, Iowa State University

Behavioral drivers of investments in catch-share managed fisheries

Yuanhao Li, Norwegian School of Economics (NHH)

Co-Author(s): Linda Nøstbakken, Norwegian School of Economics (NHH)

Estimating Heterogeneous Effects of Transferable Quota Programs Using Causal Trees

Steve Miller, University of Minnesota

Cross-species quota flexibility and the management of multi-species fisheries

Quinn Weninger, Iowa State University

Co-Author(s): Rajesh Singh, Iowa State University

EMPIRICAL ISSUES IN TRANSPORT ECONOMICS - FRICK

Chairperson: Antung Liu, Indiana University

How Much Do New Vehicle Consumers Value Fuel Economy and Performance? New Estimates and Implications for the Energy Efficiency Gap

Benjamin Leard, Resources for the Future

Co-Author(s): Joshua Linn, Resources for the Future and Yichen Christy Zhou, Clemson University

Traffic Congestion and Consumer Spending

Panle Barwick, Cornell University

Co-Author(s): Shanjun Li, Cornell University, Deyu Rao, Cornell University and Nahim Zahur, Cornell University

The combined impacts of the Corporate Average Fuel Economy standards and Zero Emission Vehicle mandate on Vehicle sales: A Total Cost of Ownership approach

Nikos Zirogiannis, Indiana University

Co-Author(s): Denvil Duncan, Indiana University, Saba Siddiki, Indiana University – Purdue University Indianapolis, Sanya Carley, Indiana University, and John Graham, Indiana University

The Effect of Subway Expansions on Vehicle Congestion: Evidence from Beijing

Antung Liu, Indiana University

Co-Author(s): Jun Yang, Beijing Transportation Research Center, Shuai Chen, Peking University, Ping Qin, Renmin University, and Fangwen Lu, Renmin University

RESOURCES AND ECOSYSTEM STUDIES: FOREST RESOURCES II - PHIPPS

Chairperson: Ujjayant Chakravorty, Tufts University

The Forest Strikes Back: Amazon Regeneration

Clarissa Gandour, CPI / PUC-Rio

Co-Author(s): Juliano Assunção, CPI / PUC-Rio

Climate change impacts in a stochastic dynamic model of forestry

Yongyang Cai, Ohio State University

Co-Author(s): Alla Golub, Purdue University, Brent Sohngen, Ohio State University, Tom Hertel, Purdue University, and John Kim, US Forest Service, PNW Station

Economic analysis of optimal forestland management strategies with carbon sequestration and changes in surface albedo under climate change mitigation scenarios

Alice Favero, Georgia Institute of Technology

Co-Author(s): Brent Sohngen, Ohio State University and Yufang Jin, University of California, Davis

Buying and selling in the market for household energy: evidence from India

Ujjayant Chakravorty, Tufts University

Co-Author(s): Branko Boskovic, University of Alberta, Martino Pelli, University of Sherbrooke, and Anna Risch, University of Grenoble

RESOURCE AND ECOSYSTEM STUDIES: CLIMATE CHANGE II - OLIVER

Chairperson: Yukiko Hashida, Oregon State University

The Consequences of Unequal Damage Incidence on Delay, Uncertainty, and Learning in a NICE Model of Climate Change

Joshua Bernstein, Princeton University

Co-Author(s): Francis Dennig, National University of Singapore, Maddalena Ferranna, Princeton University, and Marc Fleurbaey, Princeton University

Quantifying the 2050 climate change impacts on global human migrations & economies: CGE analyses for the world's 94 regions under 2oC global temperature increase

Nagisa Ishinabe, Purdue University

A Policy Maker's Perspective on Improving Key Economic Models Used for U.S. Climate Policy

Alexander R Barron, Smith College

How does landowner adaptation to climate change affect biodiversity? An empirical analysis of forest management changes on habitat

Yukiko Hashida, Oregon State University

Co-Author(s): John Withey, The Evergreen State College and David Lewis, Oregon State University

INTERNATIONAL ENVIRONMENTAL ISSUES: DEVELOPMENT I – CARNEGIE 3

Chairperson: Akshaya Jha, Carnegie Mellon University

Human Capital Costs of Climate Change: Evidence from Test Scores in India

Teevrat Garg, University of California, San Diego

Co-Author(s): Maulik Jagnani, Cornell University and Vis Taraz, Smith College

The Benefits of Grid versus Off-grid Electrification: Evidence from Nepal

Robyn Meeks, University of Michigan-Ann Arbor

Co-Author(s): Hope Thompson, University of Michigan-Ann Arbor

The importance of credit-based options and quantifying the extent of the market for evaluating the cost of using payments for ecosystem services to secure hydrological services in the Panama Canal Watershed

Alicia Entem, Smithsonian Tropical Research Institute

Co-Author(s): Vic Adamowicz, University of Alberta, Eli Fenichel, Yale University, and Laura Calderon-Etter, Yale University

The Economic Benefits versus Environmental Costs of Development: Evidence from India's Coal-fired Power Plants

Akshaya Jha, Carnegie Mellon University

Co-Author(s): Geoffrey Masters Barrows, Ecole Polytechnique and Teevrat Garg, University of California, San Diego

SHALE OIL AND GAS II - THREE RIVERS

Chairperson: Jason Brown, Federal Reserve Bank of Kansas City

The Effects of the Recent Oil and Gas Boom on Schooling Decisions in the U.S.

Na Zuo, University of Kentucky

Co-Author(s): Steven Buck, University of Kentucky and Jack Schieffer, University of Kentucky

Land Ownership and Delay in Oil and Gas Production: A Natural Experiment

Eric Edwards, Utah State University

Co-Author(s): David Jenkins, Apache Corporation and Trevor O'Grady, Utah State University

Response of Consumer Debt to Income Shocks: The Case of Energy Development Booms and Busts

Jason Brown, Federal Reserve Bank of Kansas City

EMERGING DATA OPPORTUNITIES II - RIVERBOAT

Chairperson: Steven Wallander, USDA Economic Research Service

Distortions and Distributional Impacts from Public Spending to Protect Private Homes from Wildfires

Judson Boomhower, Stanford University

Co-Author(s): Judson Boomhower, Stanford University; Patrick Baylis, Stanford University

Drenched fields and parched farms: Evidence along the extensive and intensive margins

Jason Russ, World Bank

Co-Author(s): Esha Zaveri, Stanford University and Richard Damania, The World Bank

Does it Work to Pay to be Green? Evidence from Brazil's Bolsa Verde Program

Po Yin Wong, Norwegian School of Economics (NHH)

Co-Author(s): Torfinn Harding, Norwegian School of Economics (NHH), Karlygash Kuralbayeva, London School of Economics, Samantha DeMartino, The World Bank, Andre de Lima, University of Maryland at College Park, and Liana Anderson, National Center for Monitoring and Alerts of Natural Disasters, Brazil

Spatial Spillovers from Government Incentives: Examining Conservation Tillage Adoption

Steven Wallander, USDA Economic Research Service

Co-Author(s): Maria Bowman, USDA Economic Research Service and Roger Claassen, USDA Economic Research Service

ENVIRONMENTAL VALUATION: REVEALED PREFERENCES I - STERNWHEELER

Chairperson: Christopher G Leggett, Bedrock Statistics, LLC

The Cost of Algae Contamination in Fresh Water Lakes: Identification of Environmental Quality Demand Functions Using Perfect and Imperfect Instruments

David Michael Wolf, The Ohio State University

Co-Author(s): Allen Klaiber, Ohio State University and Sathya Gopalakrishnan, Ohio State University

Lead Pipes, Prescriptive Policy and Property Values

Adam Theising, University of Wisconsin, Madison

Co-Author(s): Dan Phaneuf, University of Wisconsin, Madison

Algae Blooms on the Gulf Coast, Using Satellite Data to improve Hedonics

Patrick Walsh, Landcare Research

Co-Author(s): Dennis Guignet, Environmental Protection Agency

Trip Values and Benefit Transfer within a Random Utility Model Context

Christopher G Leggett, Bedrock Statistics, LLC

PANEL DISCUSSION 2 - CONFERENCE A

Organizers: Robert J. Johnston, Clark University, Kevin J. Boyle, Virginia Tech, and Vic Adamowicz, University of Alberta

Contemporary Standards for Stated Preference Valuation: Next Steps for Research and Practice

Moderator: Catherine Kling, Iowa State University Panelists: Vic Adamowicz, University of Alberta

Kevin J. Boyle, Virginia Tech

Richard Carson, University of San Diego Robert J. Johnston, Clark University Alan Krupnick, Resources for the Future

ENVIRONMENTAL POLLUTION: AIR POLLUTION – CONFERENCE B

Chairperson: Joseph E Aldy, Harvard Kennedy School

Choking Behind the Wheel: The Effect of Air Pollution on Vehicle Accidents

Hendrik Wolff, Simon Fraser University

Co-Author(s): Max Auffhammer, University of California, Berkeley and Maoyong Fan, Ball State University

Information and Demand for Environmental Quality: Evidence from the "Under the Dome"

Meng Tu, Nanjing University

Co-Author(s): Bing Zhang, Nanjing University

Energy Market Shock Absorbers: The Impacts of Waiving Environmental Regulations in Response to Fuel Market Disruptions

Joseph E Aldy, Harvard Kennedy School

RESOURCES AND ECOSYSTEMS STUDIES: ENERGY I – CONFERENCE C

Chairperson: Sebastian Rausch, ETH Zurich

Finders, Keepers?

Arthur van Benthem, University of Pennsylvania

Co-Author(s): Niko Jaakkola, Ifo Institute and Daniel Spiro, Uppsala University

Elasticities, heterogeneity, and optimal cost recovery: Evidence from 300M+ natural gas bills

Edward A. Rubin, University of California, Berkeley

Co-Author(s): Max Auffhammer, University of California, Berkeley

Optimal Support Policies for Variable Renewable Energy Sources

Sebastian Rausch, ETH Zurich

Co-Author(s): Jan Abrell, ETH Zurich

GROWTH AND ENVIRONMENT: TECHNOLOGICAL CHANGE I - FRICK

Chairperson: Timo Goeschl, Heidelberg University

Climate sensitive capital and innovations

Andri Brenner, University of Potsdam/ MCC Berlin

Green Innovation and Economic Growth in a North-South Model

Jan Witajewski-Baltvilks, Institute for Structural Research

Co-Author(s): Carolyn Fischer, Resources for the Future

The Costs of Transition in Coal-dependent Economy

Aleksander Szpor, Institute for Structural Research

Co-Author(s): Jan Witajewski-Baltvilks, Institute for Structural Research

Learning from fifty years of energy-saving technological change: The washing machine, 1966 - 2015

Timo Goeschl, Heidelberg University

Co-Author(s): Peter Heindl, Centre for European Economic Research (ZEW) Mannheim

EXTENSIONS OF STANDARD THEORY I - PHIPPS

Chairperson: Graham Beattie, University of Pittsburgh

Identity in Public Goods Contribution

Fuhai Hong, Nanyang Technological University

Co-Author(s): Larry Karp, University of California, Berkeley and Tat How Teh, National

University of Singapore

Social Comparison and Preferences toward Pro-Environmental Behavior: Theory and Evidence from a Randomized Experiment in Vietnam

Hide-Fumi Yokoo, National Institute for Environmental Studies, Japan

Co-Author(s): Nguyen Ngoc Mai, Hanoi Foreign Trade University

Social and Financial Incentives for Overcoming Collective Action Problems

Raymond Guiteras, North Carolina State University

Co-Author(s): Mehrab Bakhtiar, University of Maryland at College Park, James

Levinsohn, Yale University, and A. Mushfig Mobarak, Yale University

Learning about climate change: Social signals and solar panel adoption

Graham Beattie, University of Pittsburgh

Co-Author(s): Andrea La Nauze, University of Pittsburgh

RESOURCES AND ECOSYSTEM STUDIES: TRANSPORT – OLIVER

Chairperson: Kevin Roth, University of California, Irvine

Subways and Urban Air Pollution

Matthew Turner, Brown University

New Vehicle Incentives and Spillovers in the Secondary Market

David Rapson, UC Davis

Co-Author(s): Erich Muehlegger, University of California, Davis

The Marginal Cost of Traffic Congestion and Road Pricing: Evidence from a Natural Experiment in Beijing

Shanjun Li, Cornell University

Co-Author(s): Avralt-od Purevjav, Cornell University

Pigouvian Taxes at Odds: Freight Vehicles and Externalities

Kevin Roth, University of California, Irvine

Co-Author(s): Linda Cohen, University of California, Irvine

INTERNATIONAL ENVIRONMENTAL ISSUES: DEVELOPMENT II - CARNEGIE 3

Chairperson: B. Kelsey Jack, Tufts University

Land Conservation Payments Also Conserve Social Capital: Regression Discontinuity Evidence From Mexico

Katharine Sims, Amherst College

Co-Author(s): Jennifer Alix-Garcia, University of Wisconsin, Madison, Laura Costica, The World Bank, and Victor Orozco Olvera, The World Bank

Evaluating impacts of marine-based stimulus policies amid market imperfections in rural Indonesia

Amanda Ruth Lindsay, UC Davis

Co-Author(s): James N. Sanchirico, UC Davis and Edward Taylor, UC Davis

An Environmental Registry Policy as a Mechanism that Affects Land Cover and Livelihoods in Brazil

Suhyun Jung, University of Michigan-Ann Arbor

Co-Author(s): Laura Rasmussen, University of Copenhagen, Lisa Rausch, University of Wisconsin, Madison, and Cecilie Dyngeland, University of Sheffield

Efficient pricing and inefficient households: Water use and intrahousehold externalities

B. Kelsey Jack, Tufts University

Co-Author(s): Seema Jayachandran, Northwestern University and Sarojini Rao, University of Chicago

EMERGING DATA OPPORTUNITIES III – THREE RIVERS

Chairperson: Steven Sexton, Duke University

How does the adjudication of water rights affect farm behavior and resource allocation? Evidence from the Snake River Basin, Idaho.

Oliver R. Browne, University of Chicago

Infrastructure and Deforestation: Recent Evidence from Power Plants in the Amazon

Dimitri Szerman, PUC-Rio

Co-Author(s): Juliano Assuncao, Ponificia Universidade Catolica do Rio de Janeiro and Francisco Costa, Fgv/Epge

PEER EFFECTS AND CONSPICUOUS CONSERVATION IN ROOFTOP SOLAR ADOPTIONS

Steven Sexton, Duke University

Co-Author(s): A. Justin Kirkpatrick, Duke University, Kenneth Gillingham, Yale University, and Bryan Bollinger, Duke University

POLLUTION CONTROL: OTHER INSTRUMENTS II - RIVERBOAT

Chairperson: Ann Wolverton, National Center for Environmental Economics, U.S. EPA

Learning and Regulatory Deterrence: Evidence from Oil & Gas Production

Peter Maniloff, Colorado School of Mines

Protecting the Rainforest? The Case of Mahogany Prohibition and Deforestation

Ariaster B Chimeli, University of Sao Paulo

Co-Author(s): Rodrigo Soares, Columbia University

Developing a Framework for Evaluating Smaller-Scale Voluntary Environmental Programs

Ann Wolverton, National Center for Environmental Economics, U.S. EPA

Co-Author(s): Heather Klemick, National Center for Environmental Economics, USEPA

ENVIRONMENTAL VALUATION: REVEALED PREFERENCES II - STERNWHEELER

Chairperson: Andrew Plantinga, University of California, Santa Barbara

Valuing marine aquaculture and coastal viewscapes using a spatial hedonic analysis

Christina A. Robichaud, University of Maine

Co-Author(s): Keith S. Evans, University of Maine

Health Effects of Traffic-related Air Pollution on Infants: Addressing Spatial Uncertainly with Equilibrium Sorting Models

Deng Long, Oregon State University

Co-Author(s): David Lewis, Oregon State University and Christian Langpap, Oregon State University

The impact of flooding on property prices in England: A near-miss approach

Allan Beltran, London School of Economics

Co-Author(s): David Maddison, University of Birmingham and Robert Elliott, University of Birmingham

Town Mouse and Country Mouse: Effects of Urban Growth Controls on Equilibrium Sorting and Land Prices

Andrew Plantinga, University of California, Santa Barbara

Co-Author(s): Daniel Bigelow, USDA Economic Research Service

POLLUTION CONTROL: EMPLOYMENT EFFECTS, DISTRIBUTIONAL EFFECTS – CONFERENCE A

Chairperson: Wayne B Gray, Clark University

Residential Sorting and the Incidence of Local Public Goods: Theory and Evidence from Air Pollution

Daniel M. Sullivan, Resources for the Future

The Causal Impact of Electricity Prices on German Manufacturing Plants

Kathrine von Graevenitz, Centre for European Economic Research (ZEW) Mannheim

Co-Author(s): Philipp Massier, Centre for European Economic Research (ZEW)

Mannheim and Benjamin Johannes Lutz, Centre for European Economic Research (ZEW)
Mannheim

Environmental Policy, Full Employment Models, and Employment: A Critical Analysis

Yunguang Chen, Resources for the Future

Co-Author(s): Marc Hafstead, Resources for the Future and Rob Williams III, University of Maryland

Economic Impacts of Expanding Regional Climate Agreements

Wayne B Gray, Clark University

Co-Author(s): Brendan Casey, Clark University, Joshua Linn, Resources for the Future, and Richard Morgenstern, Resources for the Future

ENVIRONMENTAL POLLUTION: AIR AND WATER POLLUTION - CONFERENCE B

Chairperson: Edson Severnini, Carnegie Mellon University

Benefits of PM2.5 reductions: Effect of mortality risk and VSL age adjustments

Andrew L Goodkind, University of Minnesota

Co-Author(s): Nicholas Muller, Middlebury College, Jay Coggins, University of Minnesota, and Julian Marshall, University of Washington

Does Shale Gas Development Impact Health through Drinking Water?

Lala Ma, University of Kentucky

Co-Author(s): Elaine Hill, University of Rochester

Price-Based Policies for Residential Development Patterns and Impacts to Water Quality in the Chesapeake Bay

Douglas H. Wrenn, Pennsylvania State University

Co-Author(s): Allen Klaiber, Ohio State University and David A. Newburn, University of Maryland

A New Approach to Measuring Climate Change Impacts and Adaptation

Edson Severnini, Carnegie Mellon University

Co-Author(s): Antonio M. Bento, University of Southern California and Mehreen Mookerjee, Cornell University

RESOURCES AND ECOSYSTEM STUDIES: ENERGY II - CONFERENCE C

Chairperson: Michael Roberts, University of Hawaii, Manoa

International Politics and Oil Trade: Evidence from Russian Firms

Margarita Portnykh, Carnegie Mellon University

Regulatory Capture in a Resource Boom

Timothy Fitzgerald, Texas Tech University

Does Renewable Energy Increase the Potential Gain from Real-Time Pricing of Electricity?

Michael Roberts, University of Hawaii, Manoa

Co-Author(s): Imelda, University of Hawaii, Manoa and Matthias Fripp, University of Hawaii, Manoa

GROWTH AND ENVRONMENT: TECHNOLOGICAL CHANGE II - FRICK

Chairperson: Jacquelyn Pless, University of Oxford

Energy Efficiency and Directed Technical Change: Implications for Climate Change Mitigation
Gregory Casey, Brown University

Does environmental regulation affect productivity? Evidence from China's textile printing and dyeing industry

Mengdi Liu, Nanjing University

Co-Author(s): Bing Zhang, Nanjing University and Ronald Shadbegian, Environmental Protection Agency

Technological Change and Deforestation: Evidence from the Brazilian Soybean Revolution

Arthur Amorim Bragança, Climate Policy Initiative

Co-Author(s): Juliano Assunção, Pontificia Universidade Catolica do Rio de Janeiro

How Does R&D Funding Design Affect Innovation? Evidence from UK Firms

Jacquelyn Pless, University of Oxford

EXTENSIONS OF STANDARD THEORY II - PHIPPS

Chairperson: Carolyn Fischer, Resources for the Future

Managing forest bio-invasion externalities with heterogeneous landowner preferences

Shadi Atallah, University of New Hampshire

An Impure Theory of Public Expenditure

Mirco Dinelli, Colby College

Co-Author(s): NATHAN CHAN, Colby College

Funding Global Environmental Public Goods through Multilateral Financial Mechanisms
NATHAN CHAN, Colby College

When the Tail can Wag the Dog: Common-Pool Risk Management and Market Power Carolyn Fischer, Resources for the Future

AGRICULTURE: AGRI-ENVIRONMENTAL POLICY AND CLIMATE CHANGE - OLIVER

Chairperson: Ariel Ortiz-Bobea, Cornell University

Fertilizer Fuels Food Prices: Identification through the Oil-Gas Spread

Hinnerk Gnutzmann, University of Hannover

Co-Author(s): Piotr Spiewanowski, Polish Academy of Sciences

TARGETING AGRICULTURAL COST SHARE PAYMENTS FOR NUTRIENT ABATEMENT IN THE CHESAPEAKE BAY WATERSHED

Patrick Fleming, Franklin & Marshall College

Co-Author(s): Erik Lichtenberg, University of Maryland and David A. Newburn, University of Maryland

Trust and CO2 Emissions: Cooperation on a Global Scale

Ara Jo, London School of Economics

Co-Author(s): Stefano Carattini, Yale University

The Impacts of Climate Change on U.S. Agriculture: Accounting for the Option Value of Farmland in the Ricardian Approach

Ariel Ortiz-Bobea, Cornell University

APPLICATIONS TO ENVIRONMENTAL ECONOMICS: FIELD EXPERIMENTS II – CARNEGIE 3

Chairperson: Carlo Gallier, Centre for European Economic Research (ZEW) Mannheim

Behavioral Interventions in Extreme Environments: Experimental Evidence from the California Drought

Gabriel Lade, Iowa State University

Co-Author(s): Katrina Jessoe, University of California-Davis, Edward Spang, University of California-Davis, and Frank Loge, University of California-Davis

Price Negotiation and Search in Retail Electricity Markets: A Field Experiment

Leslie A. Martin, The University of Melbourne

Co-Author(s): David Byrne, The University of Melbourne and Jia Sheen Nah, The University of Melbourne

Evaluating Large Clean Vehicle Rebates Targeting Low-Income Households with High Polluting Vehicles: Early Evidence from California

Rongzhang Wang, UC Los Angeles

Co-Author(s): Jr DeShazo, UC Los Angeles

That's my Turf: An Experimental Analysis of Territorial Use Rights for Fisheries in Indonesia

Carlo Gallier, Centre for European Economic Research (ZEW) Mannheim

Co-Author(s): Jörg Langbein, Rheinisch-Westfaelisches Institut fuer

Wirtschaftsforschung (RWI) and Colin Vance, Rheinisch-Westfaelisches Institut fuer

Wirtschaftsforschung (RWI)

PARALLEL SESSION 6 – FRIDAY, JUNE 2, 2017 1:30-3:00PM

SUSTAINABILITY, RENEWALBES, AND THE GRID – THREE RIVERS

Chairperson: Xueving Lu, University of California, San Diego

Smart Policy and the Smart Grid: Evaluating the Role of Incentives and Technology in Short-term Electricity Demand using a Large-Scale Field Experiment

James Michael Gillan, UC Berkeley

What's killing nuclear power in the American Midwest? An empirical assessment of the merit order effect of wind energy and impact of low-cost natural gas on wholesale prices received by nuclear generators in the MISO and PJM electricity markets

Jesse D. Jenkins, Massachusetts Institute of Technology

Transmission Constraints, Intermittent Renewables and Welfare

Xueying Lu, University of California, San Diego

Co-Author(s): Jacob LaRiviere, Microsoft

EMERGING DATA OPPORTUNITIES AND BIG DATA - RIVERBOAT

Chairperson: Will Wheeler, US EPA NCEE

Do low-income electricity subsidies change peak consumption behavior?

Cristobal de la Maza, Carnegie Mellon University

Author(s): Evan David Sherwin, Carnegie Mellon University and Inês M. Lima Azevedo, Carnegie Mellon University

Taming Thor: A new approach to modeling weather effects

Brigitte Roth Tran, Board of Governors of the Federal Reserve System

Politicians, Pollution and Performance in the Workplace: The Effect of PM on MPs

Brandon Schaufele, University of Western Ontario

Co-Author(s): Anthony Heyes, University of Ottawa and Nicholas Rivers, University of Ottawa

Opportunities and Pitfalls with EPA Data: Perspectives from inside and outside the agency

Will Wheeler. US EPA NCEE

Co-Author(s): Jay Shimshack, University of Virginia

ENVIRONMENTAL VALUATION: REVEALED PREFERENCES III - STERNWHEELER

Chairperson: Andrew R. Waxman, Arizona State University

Legacies of lead -- Estimating homebuyer risk perception in the face of potential lead exposure

Nicholas Irwin, Ohio State University

The Use of Social Media Data for Nonmarket Valuation

Yongjie Ji, Iowa State University

Co-Author(s): Catherine Kling, Iowa State University, David Keiser, Iowa State University, Dave Fisher, Stanford University, Bonnie Keeler, University of Minnesota, and Spencer Wood, Stanford University

Valuing the effects of climate change on forestry with parcel-level data: a Ricardian approach

Cassie R. Finer, Oregon State University

Co-Author(s): David Lewis, Oregon State University

Leveraging Network Structure to Identify Preferences for Amenities

Andrew R. Waxman, Arizona State University

Co-Author(s): Antonio M. Bento, University of Southern California and Nicolai Kuminoff, Arizona State University

RESOURCES AND ECOSYSTEM STUDIES: RENEWABLE RESOURCES – CONFERENCE A

Chairperson: RUIQING MIAO, AUBURN U

How green is sugarcane ethanol?

Marcelo Sant'Anna, Fundação Getulio Vargas

Social contagion in the adoption of solar photovoltaictechnology: New evidence from Switzerland

Stefano Carattini, Yale University

Co-Author(s): Andrea Baranzini, Haute école de gestion Genève and Martin Péclat, University of Neuchâtel

Grassland Easement Evaluation and Acquisition: A Stochastic Dynamic Perspective

RUIQING MIAO, AUBURN U

Co-Author(s): David Hennessy, Michigan State University and Hongli Feng, Michigan State University

ENVIRONMENTAL POLLUTION: HEALTH IMPLICATIONS - CONFERENCE B

Chairperson: J. Scott Holladay, The University of Tennessee

Temperature, Climate Change, and Mental Health: Growing Issues and Adaptive Policies

Jamie Mullins, University of Massachusetts – Amherst

Co-Author(s): Matthew Lang, University of California, Riverside and Corey White, University of California, Santa Barbara

Casualties of the Cold War: Fallout, Irradiated Dairy, and the Mortality Effects of Nuclear Testing

Keith Meyers, University of Arizona

Drinking Water and Lead Exposure: Evidence from Local Treatment Changes in North Carolina

Katherine K. Grooms, Southwestern University

Co-Author(s): Kevin Schnepel, University of Sydney and Ludovica Gazze, University of Chicago

Pollution from Power Plants and Student Test Scores

J. Scott Holladay, The University of Tennessee

Co-Author(s): Celeste Carruthers, The University of Tennessee and Bong Kim, The University of Tennessee

RESOURCES AND ECOSYSTEM STUDIES: ENERGY III – CONFERENCE C

Chairperson: Yueming (Lucy) Qiu, Arizona State University

What does an electric vehicle replace?

Jianwei Xing, Cornell University

Co-Author(s): Benjamin Leard, Resources for the Future and Shanjun Li, Cornell University

External Impacts of Local Energy Policy: The Case of Renewable Portfolio Standards

Ivan Rudik, Iowa State University

Co-Author(s): Alex Hollingsworth, Indiana University

Vertical Separation of Transmission Control and Market Power in Electricity Wholesale Markets

Yin Chu Zhongnan, University of Economics and Law

Energy performance of green-certified commercial buildings: Evidence from billing and high frequency electricity demand data

Yueming (Lucy) Qiu, Arizona State University

Co-Author(s): Matthew Kahn, University of Southern California

GROWTH AND INTERNATIONAL ENVIRONMENTAL ISSUES - FRICK

Chairperson: Marc Hafstead, Resources for the Future

On the Trade-off between the Environment and Development: Expressways, GDP, and Emissions in China

Yang Xie, University of California, Riverside

Co-Author(s): Guojun He, Hong Kong University of Science and Technology and Bing Zhang, Nanjing University

Estimating the Economy-Wide Effects of Mortality Risk Reductions: A General Equilibrium Approach

Alex Marten, US EPA NCEE

Co-Author(s): Stephen Newbold, US Environmental Protection Agency

Energy Prices and International Trade: Incorporating Input-Output Linkages

Ron Chan, University of Manchester

Co-Author(s): Edward Manderson, University of Manchester and Fan Zhang, The World Bank

Narrow Vs Broad Cap and Trade: Broader is not always better

Marc Hafstead, Resources for the Future

Co-Author(s): Rob Williams III, University of Maryland and Larry Goulder, Stanford University

BEHAVIORAL ECONOMICS IN AGRI-ENVIRONMENTAL POLICY - PHIPPS

Chairperson: Leah Palm-Forester, University of Delaware

The Impact of Social Comparisons on Farmer WTP for BMPs: Combining Data from the Field and Laboratory

Nicholas Janusch, University of Delaware

Co-Author(s): Kent Messer, University of Delaware and Paul J. Ferraro, Johns Hopkins University

Can Profit-Maximizers be Nudged, and do they Care?

Collin Weigel, Johns Hopkins University

Co-Author(s): Paul J. Ferraro, Johns Hopkins University and Kent Messer, University of Delaware

Do Open Comment Processes Increase Regulatory Compliance? Evidence from a Public Goods Experiment

Stephen Morgan, Michigan State University

Co-Author(s): Nicole Mason, Michigan State University and Robert Shupp, Michigan State University

Linking agricultural subsidies and ambient water quality to reduce nutrient loss

Leah Palm-Forester, University of Delaware

Co-Author(s): Jordan Suter, Colorado State University and Kent Messer, University of Delaware

AGRICULTURE: AGRI-ENVIRONMENTAL POLICY – OLIVER

Chairperson: Erik Lichtenberg, University of Maryland

Fertilizer Subsidy and Agricultural Productivity: Empirical Evidence from Nepal

Jayash Paudel, University of Massachusetts, Amherst

Co-Author(s): Christine Crago, University of Massachusetts, Amherst

The Impact of Conservation Programs on Local Employment: A Case of Conservation Reserve Program

Liqing Li, University of Illinois, Urbana-Champaign

Co-Author(s): Amy W. Ando, University of Illinois at Urbana of Champaign and Barrett Kirwan, University of Illinois, Urbana-Champaign

How Does Spatial Patterning of the USDA's Conservation Reserve Program Impact Water Quality in Iowa's Lakes?

Ashley L. Camhi, Arizona State University

Co-Author(s): Charles Perrings, Arizona State University, Joshua Abbott, Arizona State University, and Rich Iovanna, United States Department of Agriculture

Additionality in Conservation Cost Sharing

Erik Lichtenberg, University of Maryland

POLUTION CONTROL: OTHER INSTRUMENTS III – CARNEGIE 3

Chairperson: Mary Evans, Claremont McKenna College

Escalation of Scrutiny: The Clean Air Act and U.S. Manufacturing

Wesley Blundell, University Of Arizona

Fuel Savings from Clean Vehicle Adoption

Tamara Sheldon, University of South Carolina

Co-Author(s): Rubal Dua, King Abdullah Petroleum Studies and Research Institute

The Effectiveness of Temporary Driving Restrictions: Evidence from Air Pollution, Vehicle Flows, and Mass-Transit Users in Santiago.

Nathaly M. Rivera, Michigan State University

Citizen complaints, regulator behavior, and air pollution emissions: Evidence from Texas

Mary Evans, Claremont McKenna College

Co-Author(s): Jay Shimshack, University of Virginia

PARALLEL SESSION 7 – FRIDAY, JUNE 2, 2017 3:15-4:45PM

JAERE EDITORS' SESSION: DISTRIBUTIONAL EFFECTS OF ENERGY POLICY I

Chairperson: Joseph E Aldy, Harvard Kennedy School

The Distributional Effects of Building Codes

Chris Bruegge, Stanford University

Co-Author(s): Tatyana Deryugina, University of Illinois, Urbana-Champaign and Erica Myers, University of Illinois, Urbana-Champaign

The Distributional Impacts of Renewable Generation Policies

Mar Reguant, Northwestern University and NBER

Distributional Effects of Air Pollution from Electric Vehicle Adoption

Andrew J Yates, University of North Carolina at Chapel Hill

Co-Author(s): Stephen Holland, University of North Carolina at Greensboro and NBER, Erin Mansur, Dartmouth College and NBER, and Nicholas Muller, Middlebury College and NBER

The Efficiency and Distributional Consequences of Heterogeneous Behavioral Response to Energy-Fiscal Policies

Joseph E Aldy, Harvard Kennedy School

Co-Author(s): Sebastien Houde, University of Maryland

POLLUTION CONTROL: OTHER INSTRUMENTS I – RIVERBOAT

Chairperson: Kate S. Whitefoot, Carnegie Mellon University

Is a Word to the Wise Sufficient? Evidence from China's "Invite-to-talk" Environmental Policy

Yue Fang, University of Michigan-Ann Arbor

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APPLICATIONS TO ENVIRONMENTAL ECONOMICS: SPATIAL ANALYSIS - CARNEGIE 3

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Teevrat Garg, University of California, San Diego

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Fracking and Radon Levels: A Case of Ice Cream Sales and Murder Rates?

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What about sprawl? The spatial effects of the housing boom and Great Recession on residential land consumption in the U.S.

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Co-Author(s): Nicholas Irwin, Ohio State University and Wangyang Lai, Ohio State University

POSTER SESSION - WILLIAM PENN BALLROOM

THURSDAY, JUNE 1ST FROM 10:30-11AM AND FRIDAY, JUNE 2ND FROM 10-10:30AM

Climate Change and Technology Adoption in East Africa

Maulik Jagnani, Cornell University

Co-Author(s): Yanyan Liu, International Food Policy Research Institute and Liangzhi You, International Food Policy Institute

BENEFIT TRANSFER IN AN INTEGRATED ASSESSMENT MODEL: HOW IS IT IMPORTANT?

Kentaro Yoshida, Nagasaki University

Co-Author(s): Koji Tokimatsu, Tokyo Institute of Technology, Norihiro Itsubo, Tokyo City University, Rieko Yasuoka, System Research Center Co., LTD, Masahiro Nishio, National Institute of Advance Science and Technology, and Kayo Murakami, Chikushi Jogakuen University

The Impact of Electricity Pricing Structure on Aquifer Depletion and Implications for Groundwater Conservation

R. Aaron Hrozencik, Colorado State University

Co-Author(s): Dale Manning, Colorado State University and Chris Goemans, Colorado State University

Where Trees Grow, Expenditures Grow: An Evaluation of the Household Welfare & Food Security Impacts of an Integrated Agroforestry Extension Program in Western Kenya

Seth Henry Morgan, University of Illinois, Urbana-Champaign

Co-Author(s): Katherine Baylis, University of Illinois, Urbana-Champaign

HYBRID VEHICLES AND HOUSEHOLD DRIVING BEHAVIOR: IMPLICATIONS FOR MILES TRAVELED AND GASOLINE CONSUMPTION

Michael Delgado, Purdue University

Co-Author(s): Shanxia Sun, Purdue University and Neha Khanna, Binghamton University

Measuring the effectiveness of agricultural conservation expenditures on water quality

Shanxia Sun, Purdue University

Co-Author(s): Juan Sesmero, Purdue University, Michael Delgado, Purdue University, and Benjamin Gramig, Purdue University

Straw Burning and Air Pollution: Evidence from Crop Production Cycle in China

Wangyang Lai, Ohio State University

Co-Author(s): Xiaohui Tian, Renmin University of China

Using Genuine Savings for climate policy evaluation with an integrated assessment model

Louis Dupuy, University of St Andrews

Co-Author(s): Koji Tokimatsu, Tokyo Institute of Technology and Nick Hanley, University of St Andrews

Assurance Payments for Threshold Public Goods Provision: Theory and Lab Experiment

Pengfei Liu, University of Connecticut

Co-Author(s): Stephen Swallow, University of Connecticut and Zhi Li, Xiamen University

Land-lake Dynamics: Are there Welfare Gains from Targeted Policies in a Heterogeneous Landscape

Hongxing Liu, Ohio State University

Co-Author(s): Sathya Gopalakrishnan, Ohio State University

Certification Program for Biodiversity Restoration on Coffee Plantations outside Protected Area

Kavita Sardana, TERI University

Alternative valuation approach to shadow price of carbon: an integrated assessment model interlinked with a lifecycle impact assessment model

Koji Tokimatsu, Tokyo Institute of Technology,

Co-Author(s): Rieko Yasuoka, System Research Center Co., LTD, Norihiro Itsubo, Tokyo

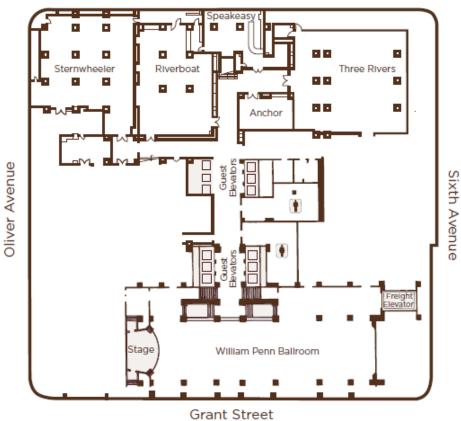
City University, and Masahiro Nishio, National Institute of Advance Science and

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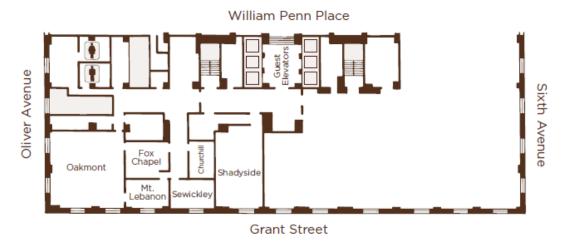


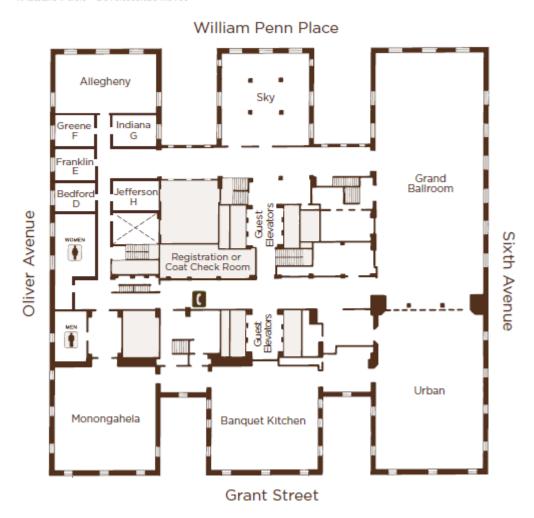
William Penn - Mezzanine Level

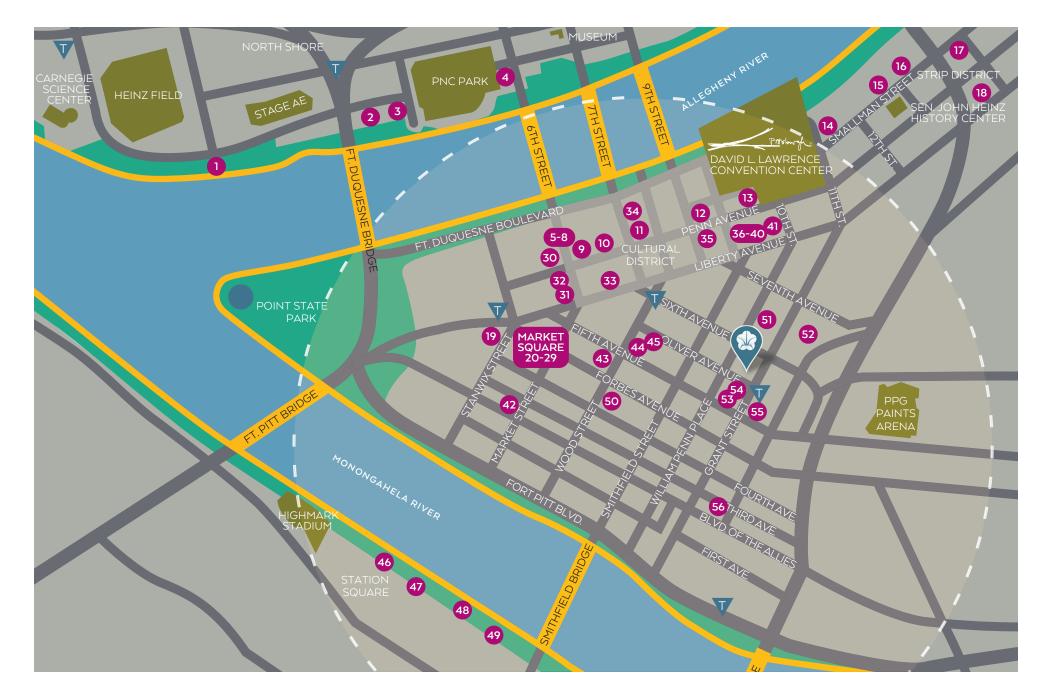


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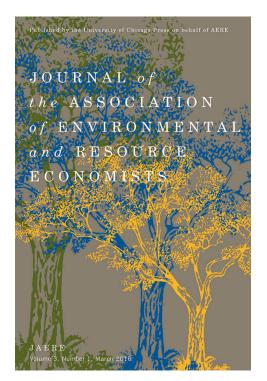
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