AERE Sessions

**Hazards**

**Session Chair:** Nikolaos Mykoniatis  
Texas A&M University at Galveston

**Papers:**

"How Spatially Extensive Are the Effects of Flood Risks? An Evaluation Using the Simulated Inundation Maps"  
*Ajeta Atreya,* University of Pennsylvania

"Local and Regional Impacts of Hurricane Katrina"  
*Meri Davlasheridze* and Qin Fan, Texas A&M University at Galveston and California State University

"Going Toward the Flow: Subsidizing Migration and Development Patterns in Flood Plains"  
*Douglas S. Noonan* and *Abdul-Akeem Sadiq,* Indiana University-Purdue University, Indianapolis

**Fisheries**

**Session Chair:** Meri Davlasheridze  
Texas A&M University at Galveston

**Papers:**

"Fisheries Annual Cost Estimation Methodology: An Application in the Northeast, U.S."  
*Chhandita Das,* Northeast Fisheries Science Center

"The Potential Contribution of a Bivalve Fishery Management to the Achievement of Water Quality Goals: The Case of Eastern Oyster and Nitrogen in the Chesapeake Bay"  
*Nikolaos Mykoniatis,* Texas A&M University at Galveston and Richard Ready, The Pennsylvania State University

**Recreation**

**Session Chair:** Daniel Petrolia  
Mississippi State University

"Forecasting Marine Recreational Fishing Participation with Climate Change"  
*John C. Whitehead* and *Daniel Willard,* Environmental Defense Fund

**Health**

**Session Chair:** Martin D. Heintzelman  
Clarkson University

**Papers:**

"Third Party Certification and the Effectiveness of Self-Regulation: Evidence from Responsible Care and Accidents in the US Chemical Industry"  
*Huan Li* and *Neha Khanna,* Binghamton University, and *Martina Vidovic,* Rollins College

“The Impact of Air Pollution on Morbidity, Mortality, and Healthcare Cost in the Medicare Population”  
*Garth Heutel* and *Nolan Miller,* University of North Carolina at Greensboro; *David Molitor,* University of Illinois

"Dirty and Perverse: Substitution Responses to the Clean Air Act"  
*Matthew Gibson,* University of California at San Diego

"Meta-Analysis and Publication Bias in the Hedonic Wage Literature"  
*Will Wheeler,* U.S. Environmental Protection Agency (EPA) and *Chris Dockins,* EPA

**Note:** Names marked with asterisk* are the presenters.
"Finite Mixture Model of Wildlife Watching Recreation with Multiply-Imputed Travel Cost"
Jee W. Hwang* and Alok K. Bohara, University of New Mexico

"Expectations and Environmental Goods Valuation"
Younjun Kim*, Iowa State University, and Tanya Rosenblat, University of Michigan

"Measuring the Effects of Offshore Wind Projects on Beach Use on the East Coast of the United States"
George R. Parsons*, Jenna Toussaint, and Jeremy Firestone, University of Delaware

Water
Session Chair: Merlin Mack Hanauer
Sonoma State University

“Water Quality and Property Prices in the Chesapeake Bay”
Patrick J. Walsh*, U.S. Environmental Protection Agency

"The Effect of Lawn Watering Class on Residential Water Demand"
Jingjing Wang* and Janie M. Chermak, University of New Mexico

"Shock or Salience? A Natural Experiment in Billing Frequency"
Casey J. Wichman*, University of Maryland

"A Spatial Economic-Hydrological Model of Fertilizer Demand and Phosphorus Loadings in the Western Lake Erie Basin"
Wendong Zhang*, Ohio State University

Natural Resources
Session Chair: Wendong Zhang
The Ohio State University

"Two Birds With One Stone? Targeting Forest Conservation for Multiple Benefits"
Allen Blackman, Jessica Chu, Leonard Goff*, and Juha Siikamaki, Resources for the Future

"Poverty Traps and Degraded Ecosystems"
Kyle Montanio*, Thomas Sproul, and Emi Uchida, University of Rhode Island

"Optimal Fines When Oil Spills Are Random"
Will Wheeler* and Charles Griffiths, U.S. EPA

Stated Preferences
Session Chair: Pengfei Liu
University of Connecticut

"Cheap Talk vs. Priming in a Survey of Lake Erie Cleanup Programs: Combating Hypothetical Bias in Internet Choice Exercises"
Greg Howard*, East Carolina University, Brian Roe, Ohio State University (OSU) and Erik Nisbet, OSU

"Using Choice Experiment to Estimate People’s Willingness to Pay for Improved Solid Waste Management System in Kathmandu, Nepal"
Menuka Karki* and Alok K. Bohara, University of New Mexico

"Single-Choice, Repeated-Choice, and Best-Worst Elicitation Formats: Do Results Differ and by How Much?"
Daniel Petrolia*, Joonghyun Hwang, and Matthew G. Interis, Mississippi State University

"Willingness-to-Pay for Intermediate and Final Ecosystem Services: An Example of Land Conservation"
Lingqiao Qi* and Stephen K. Swallow, University of Connecticut

Experiments
Session Chair: Xiang Bi, University of Florida

"Does Experience Overcome Perception Bias for Consumers of Grass-Finished Beef?"
Yunkyung Lee, Matthew A. Freeman*, Kalyn T. Coatney, Wes Schilling, and Alba Collart, Mississippi State University

"Multi-Units Public Good Provision Using Individualized Price Auctions: Experimental Evidences"
Pengfei Liu* and Stephen K. Swallow, University of Connecticut

"Voting on Prices vs. Quantities for Emissions Control Policies"
David M. McEvoy*, Appalachian State University

"Practicing what they Preach?: A Comparison of Real and Hypothetical Behavior in a Field Experiment"
David M. McEvoy and John C. Whitehead*, Appalachian State University
**Energy**

Session Chair: Amy B. Henderson  
St. Mary's College of Maryland

"Is the U.S. Ready for Conversion of Shipping Fleets from Diesel to Compressed Natural Gas? A Real Options Analysis"  
Hui Xian*, Gregory J. Colson, Berna Karali, and Michael E. Wetzstein, University of Georgia

"Option Values and the Sale and Timing of Natural Gas Pipeline Expansion"  
Matthew E. Oliver*, Georgia Institute of Technology, Charles F. Mason, University of Wyoming, and David Finnoff, University of Georgia

"Effectiveness of Capacity-Dependent Rooftop Solar Subsidies: Lessons from California"  
Evan Rogers* and Steve Sexton, North Carolina State University

"The Clean Air Act and the Low Sulfur Coal Boom"  
Michael Craig*, The University of Tennessee

**Energy and Environment**

Session Chair: Jingjing Wang  
The University of New Mexico

"Cleansing the Air at the Expenses of Waterways?"  
Empirical Evidence from the Toxic Releases of the Power Plants in the U.S."  
Xiang Bi*, University of Florida

"Environmental Regulation and the Changing Composition of the U.S. Electric Generating Industry"  
Elaine F. Frey* and Neda Jahedmotlagh, California State University, Long Beach

"The Environmental Effects of Electricity Congestion"  
Erik P. Johnson* and Juan Moreno-Cruz, Georgia Institute of Technology

"Climate Change Adaptation and International Environmental Agreements with Heterogeneous Agents"  
Hongxiu Li* and Horatiu A. Rus, University of Waterloo

**Residuals**

Session Chair: John C. Whitehead, Appalachian State University

"Hedonic Prices, Taxation, and Imperfect Competition"  
Ju-chin Huang*, University of New Hampshire, Min Qiang Zhao, Xiamen University, and Laura Beaudin, Bryant University

"Incentive Targeting for Carbon Sequestration with Spatially Heterogeneous Land Types Under Asymmetric Information"  
Taeyoung Kim*, University of Tennessee (UT), Christian Langpap, Oregon State University, Seong-Hoon Cho, UT, and Paul R Armstrom, UT

"Environmental Quality and Health: A Dynamic Optimization Approach"  
Shana M. McDermott* and Benjamin A Jones, University of New Mexico

**Research Experience for Undergraduates**

Session Chair: Younjun Kim, Iowa State University

"Growing by Getting Their Hands Dirty: Meaningful Research Transforms Students"  
Amy B. Henderson*, St. Mary's College of Maryland

"Demonstrating Nonmarket Valuation Methods in the Classroom"  
Max Melstrom* and Jill L. Caviglia-Harris, Salisbury University

"Community Based Economic Research"  
John C. Whitehead*, Appalachian State University

"The Impact of Positive Affect on Willingness to Pay for Whale Shark Conservation in Belize"  
James F. Casey*, Washington and Lee University

**Regulation**

Session Chair: Shana M. McDermott, University of New Mexico

"Understanding Local Regulation of Hydro-Fracking: A Spatial Econometric Approach"  
Martin D Heintzelman*, Clarkson University, Stephen Bird, Clarkson University, and Patrick J. Walsh, U.S. Environmental Protection Agency
"It's the Fracking Economy: The Local Economic Impacts of Unconventional Shale Gas Development"
Peter Maniloff, Colorado School of Mines and Ralph Mastromonaco*, University of Oregon

"When Neither Emissions Taxes nor Cap-and-Trade Are Efficient: Implications in a Non-Linear 'Weitzman' Model"
Peter Grossman*, Butler University, Kathy P. Gjerde, Butler University, and Daniel H. Cole, Indiana University

Firm Behavior
Session Chair: Erik P. Johnson
Georgia Institute of Technology

"Sustainable Investing in Capital Markets: A Strategic Approach"
Johnson Kakeu*, Morehouse College

"How Do Firms Certify Green?"
Daniel Matisoff*, Georgia Institute of Technology, Douglas S. Noonan, Indiana University-Purdue University, Indianapolis, and Mallory Flowers, Georgia Institute of Technology

"The Environmental Performance of Foreign Owned Firms: A Facility Level Analysis of Firm Emissions in the United States"
Scott Holladay and Justin Roush*, The University of Tennessee

Top Ten Tips for Young Economists: Teaching, Research and Service
Organizer and Moderator:
John C. Whitehead
Appalachian State University

Panelists:
Glenn C. Blomquist, University of Kentucky
"Sayings from the Professor's Almanac"

Douglas S. Noonan, Indiana University-Purdue University, Indianapolis
"Navigating the Journal Review Process"

Will Wheeler, U.S. Environmental Protection Agency
"Grant Writing Best Practices"

Jill L. Caviglia-Harris, Salisbury University
"Five Steps to a Kick-Ass Presentation"

John C. Whitehead, Appalachian State University
"Academic Blogging"