

**Northeastern Agricultural and Resource Economics Association Meetings**  
**June 10-12, 2012**  
Lowell, Massachusetts  
UMass Lowell Inn and Conference Center

**PROGRAM**

**SUNDAY, JUNE 10, 2012**

11:00 pm – 12:00 pm	NAREA Executive Committee Meeting	Hamilton Room
12:00 pm – 3:00 pm	NAREA Executive Board Meeting	Hamilton Room
3:00 pm – 7:00 pm	Registration	Lower Locks Lobby
6:00 pm – 7:00 pm	NAREA Past-Presidents' Round Table	Tsongas Boardroom
7:00 pm – 9:00 pm	Welcome Reception	Lower Locks

**MONDAY, JUNE 11, 2012**

8:00 am – 4:30 pm	Registration	Grand Ballroom Foyer
8:00 am – 10:00 am	Breakfast	Grand Ballroom Foyer

**8:30 am – 9:30 am Invited Presentation, Grand Ballroom (Pawtucket Middlesex)**

"Key Roles for Economists in Sustainability Science: A Call to Collaborative Action"

David Hart, Leader, Sustainability Solutions Initiative and Director, Senator George J. Mitchell Center, University of Maine

Moderator: Kathleen Bell, University of Maine, President-Elect NAREA

9:30 am – 9:45 am Morning Break, Grand Ballroom Foyer

9:45 am – 11:15 am **SELECTED PAPER SESSIONS 1.a – 1.d**

1.a **Land Preservation** **Concord 1**

**Moderator: Allison Borchers, ERS-USDA**

Endogenous Entry of Landowners in Conservation Markets over Time; Jacob Fooks, Kent Messer, and Joshua Duke, University of Delaware

Department of the Interior Conservation Lands and Rural Economic Growth in the United States; Sarah Cline and Peter E. Grigelis, U.S. Department of Interior, Office of Policy Analysis

The Role of Tenure in Conservation Adoption Decisions; Allison Borchers and Cynthia Nickerson, ERS-USDA

1.b

**Energy****Concord 2****Moderator: Rachel Bouvier, University of Southern Maine**

Deep-water and Land-based Wind Power as Substitutes: Measuring the Influences for Wind Power Support in Maine; Sarah Marrinan, Mario Teisl, Caroline Noblet, and Hsaing-tai Cheng, University of Maine

Willingness to Pay for Natural Gas from Hydraulic Fracturing: Location and Preference Heterogeneity; Jennifer Popkin, University of Delaware, Joshua Duke, University of Delaware, Allison Borchers, USDA-ERS, and Thomas Ilvento, University of Delaware

Demise of the Ethanol Tax Credit and Import Tariff: Who Bears the Cost? ; C. Kim , James Duffield, Marcel Aillery, and Utpal Vasavada, USDA-ERS

Consumer demand and willingness to pay for renewable energies and potential opportunities for farmers: Evidence from Vermont; Qingbin Wan, Robert Parsons, and Laurel Valchuis, University of Vermont

1.c

**Agricultural Practices and Productivity****Concord 3****Moderator: David Just, Cornell University**

Adoption of Sustainable Agricultural Practices by Livestock Farmers; Haluk Gedikoglu, Lincoln University of Missouri

The Impact of Crop Insurance Premium Subsidies on Farmland Values and Rental Rates; Shang Wu, University of Delaware, Jennifer Ifft, USDA-ERS, and Todd H. Kuethe, USDA-ERS

Assessing the Role of Undesirable Outputs: an Application to Agricultural Productivity Growth in the U.S.; Nataliya Plesha and Subhash Ray, University of Connecticut and Richard Nehring and Eldon Ball, USDA-ERS

Impact of Rural Road Improvement on High Yielding Variety Technology Adoption: Evidence from Bangladesh; Rubaba Ali, University of Maryland College Park

1.d

**Fisheries Management****Merrimack 1****Moderator: Farhed Shah, University of Connecticut**

A Bioeconomic Model of Traditionally Managed Marine Protected Areas: Insights from the Sasi System of Indonesia; Umi Muawanah, Farhed Shah, and Robert S. Pomeroy, University of Connecticut

Choice of Institutions: Experimental Approach in Fishery Management; Mihoko Tegawa, University of Rhode Island and Chris Anderson, University of Washington

Behavioral Response of Fishers to Hypoxia - Some Evidence from Lobster Harvest in the Long Island Sound; Zinnia Mukherjee, Connecticut College and Dipak Dey, University of Connecticut

Optimal Management of Oysters in Chesapeake Bay incorporating Sanctuaries, Reserves, Aquaculture and Externalities; Nikolaos Mykoniatis and Richard Ready, The Pennsylvania State University

**11:30 am – 1:00 pm Awards Luncheon and Welcome, Grand Ballroom (Pawtucket Middlesex)**

"Economic Science and Policy"

Kitty Smith, American Farmland Trust

2012 Recipient of the NAREA Outstanding Public Service through Economics Award

Moderator: Jill Caviglia-Harris, President NAREA

1:15 pm – 2:45 pm

**SELECTED PAPER SESSIONS 2.a – 2.d**

2.a **Farmland Preservation**

**Concord 1**

**Moderator: Paul Gottlieb, Rutgers University**

What are the Outcomes of Farmland Preservation in the Mid-Atlantic Region? Perspectives of Program Administrators; Brian Schilling, Rutgers University, Joshua Duke, University of Delaware, Lori Lynch, University of Maryland, and Kevin Sullivan, Rutgers University

Farmland Preservation in New England: Cost-Benefit Analysis; Beverly Fernandez and Marilyn Altobello, University of Connecticut

Measuring the Effect of Farmland Preservation Program Participation on the Economic Viability of Farms; Witsanu Attavanich, Brian J. Schilling, Lucas J. Marxen, and Kevin P. Sullivan, Rutgers University

Agricultural Zoning and Housing Development; Paul Gottlieb, Rutgers University, Anthony O'Donnell, College of New Jersey, Thomas Rudel, Karen O'Neil, and Melanie McDermott, Rutgers University

2.b **Food Demand**

**Concord 2**

**Moderator: Brad Rickard, Cornell University**

Is Having a Sweet Tooth the Obesity Culprit?; Chen Zu and Rigoberto Lopez, University of Connecticut

Estimating the Demand for Recreational Dungeness Crab Fishing in Puget Sound; Georgi Spiridonov and Howard Townsend, NOAA Chesapeake Bay Office/ Cooperative Oxford Lab, Jodie Toft, Stanford University, Michael Cary and Mark Plummer, NOAA Chesapeake Bay Office, and Anne Guery, Stanford University

The Impact of Food Aid on West African Food Import Demand; James Kiawu and Keithly Jones, USDA-ERS

Externalities From Foreign Promotion Programs: Implications for Domestic Food Consumption and Nutrient Intake; Brad Rickard, Shuay-Tsyr Ho, and Jura Liaukonyte, Cornell University

2.c **Air Pollution and Climate Change**

**Concord 3**

**Moderator: Will Wheeler, US Environmental Protection Agency**

The Importance of Modeling Air Quality in Hedonic Studies; Georgios Sfinarolakis and Corey Lang, University of Rhode Island

The Olympic Effect on Air Quality and Health; Yanhong Jin, Rutgers University, Maoyang Fan, Ball State University, and Chen Chen, Rutgers University

CO2 Emissions, Energy Consumption and Economic Growth in China: a Spatial Econometric Approach Based on Panel Data; Xueting Zhao and Jerald Fletcher, West Virginia University

Climate Change Impacts on U.S. Migration and Household Location Choice; Qin Fan, The Pennsylvania State University, Allen Klaiber, The Ohio State University, and Karen Fisher-Vanden, The Pennsylvania State University

2.d **Wildlife Management, Biodiversity, and Policy Tradeoffs**

**Merrimack 1**

**Moderator: Barrett Kirwan, University of Illinois at Urbana-Champaign**

Interspecies Management and Land Use Strategies to Protect Endangered Species; Richard Melstrom, Michigan State University

Social Capital and Environmental Quality: a Meso-scale Analysis Examining the Effects of Social Capital on Biodiversity; Patricia Jarema and John Halstead, University of New Hampshire and Steve Deller, University of Wisconsin

Out of the Frying Pan, Into the Fire? Ethanol and the CO2-N2O Trade-off; Shibas Mukherjee and Barrett Kirwan, University of Illinois at Urbana Champaign

2:45 pm – 3:00 pm

**Afternoon Break**

**Grand Ballroom Foyer**

3:00 pm – 4:30 pm

**SELECTED PAPER SESSIONS 3.a – 3.d**

3.a **Forest Management**

**Concord 1**

**Moderator: Jill Caviglia-Harris, Salisbury University**

An Econometric Analysis of the Impact of Forest Restoration on Agriculture in the Verde River Watershed, Arizona; Xiaobing Zhao, Abe Springer, and Sharon Lopez, Northern Arizona University

The Implications of Poverty Persistence for Reforestation Efforts and Deforestation Rates; Jamison Douglas and Jill Caviglia-Harris, Salisbury University

Urban Forest Management; Adebayo Shittu, University of Agriculture Abeokuta

The Value of Public and Private Urban Tree Cover; Maksym Polyakov, Ram Pandit, and Rohan Sadler, University of Western Australia

3.b **Water Management**

**Concord 2**

**Moderator: Mahesh Ramachandran, Clark University**

Assessment of Cost-effectiveness of Best Management Practices in Watershed Management; Zeyuan Qiu, New Jersey Institute of Technology

Towards the Economics of Water Quality Improvement in the Long Island Sound; Beverly Fernandez, Farhed Shah, and Marilyn Altobello, University of Connecticut

Comparison between Subjective Assessments and Objective Water Quality Measures; Susan Gorelick and James Opaluch, University of Rhode Island

Modeling Residential Water Demand and Evaluating Policies: Is There Value Addition in Using GIS to Measure Lawns?; Mahesh Ramachandran, Clark University

3.c **Food & Drink**

**Concord 3**

**Moderator: Todd Schmit, Cornell University**

Reputation Spillovers: Examining Consumer Response to Information about Wine Appellations; Brad Rickard, Cornell University, Jill McCluskey, Washington State University, and Rich Patterson, Cornell University

A Comparative Analysis of Retail Milk Pricing With and Without State Pricing Policies; Adam Rabinowitz, University of Connecticut

Time to Eat? The Relationship Between Household Proxies of Time Resources and Food Spending Patterns.; Joseph Llobrera, Tufts University

Impacts of Local Food System Activities on a Regional Economy: A Case Study from Upstate New York; Todd Schmit, Becca Jablonski, and Yuri Mansury, Cornell University

3.d **Land Conservation**

**Merrimack 1**

**Moderator: Josh Duke, University of Delaware**

Do Land Conservation Programs Crowd Out Or Crowd In Each Others' Conservation?; Xiangping Liu, University of Gothenburg and Lori Lynch, University of Maryland

Current Use Property Taxation: Withdrawal Penalties and Their Effectiveness in Lowering the Rate of Land Development; Darshana Udayanganie, University of New Hampshire

How Does Subsidized Conservation Change Later Land Use?; Sarah Jacobson, Williams College

The Effect of Ontario's Greenbelt Legislation on Rural Residential Property Values; Richard Vyn, University of Guelph, Ridgetown Campus

**4:30 pm – 5:30 pm NAREA Business Meeting**

**Concord 1**

## TUESDAY, JUNE 12, 2012

8:00 am – 12:30 pm      **Registration for Annual Meeting & Workshop Continues**      **Lower Locks Lobby**

8:00 am – 10:30 am      **Breakfast**      **Grand Ballroom Foyer**

### 9:00 am – 10:00 am **Invited Presentation, Grand Ballroom (Pawtucket Middlesex)**

"Cross-Disciplinary Ecosystem Services Research: Getting Ecology and Economics to 'Sing Together' "

James Boyd, Resources for the Future

Moderator: Kathleen Bell, University of Maine, President-Elect NAREA

10:00 am – 10:30 am      **Morning Break**      **Grand Ballroom Foyer**

10:30 am – 12:00 pm      **SELECTED PAPER SESSIONS 4.a – 4.d**

4.a      **Environmental Policy**      **Concord 1**

**Moderator: Edward Jaenicke, Pennsylvania State University**

Price Drivers of CO<sub>2</sub> Allowances under Regional Emission Trading Scheme: An Empirical Study on the Regional Greenhouse Gas Initiative; Rou Yu Wu, University of Connecticut

Targeting For Enforcement: Mandatory Pollution Prevention (P2) Planning under the Canadian Environmental Protection Act of 1900; Donna Harrington, University of Vermont

Is There Motor Fuel Fiscal Competition in the EU?; Aliya Sassi, University of New Hampshire

The Effects of Adaptation Measures on Damages; Meri Davlasheridze, The Pennsylvania State University, Karen Fisher-Vanden, The Pennsylvania State University, and Allen Kaliber, The Ohio State University

4.b      **Space, Information, and Household Behavior**      **Concord 2**

**Moderator: Kent Messer, University of Delaware**

Spatial Externalities and Strategic Behavior in Accessing Groundwater Resource: Evidence from the Lab; Zhuo Liu, University of Delaware, Jordan Suter, Oberlin College, Kent Messer, Joshua Duke, and Holly Michael, University of Delaware

Contaminated Sites and Information in Hedonic Models: An Analysis of a New Jersey Property Disclosure Law; Patrick Walsh, US EPA: National Center for Environmental Economics

Household Preferences for Alternative Recycling Services; Christopher Wright and John Halstead, University of New Hampshire

Merging Economics and Psychology Yields Factors Driving People to Drive Less; Mario Teisl and Stacia Dreyer, University of Maine

4.c      **Tourism, Energy, and Economic Impacts**

**Concord 3**

**Moderator: Alan Collins, West Virginia University**

Factors Influencing Agritourism Adoption on Farms; Kevin Sullivan and Brian Schilling, Rutgers University

An Analysis of the Economic Impacts of Cruise Tourism on Coastal Communities: A Bar Harbor Case Study; Emily Freedman, James McConnon, and Todd Gabe, University of Maine

Wind Versus Coal: A Comparison of the Local Economic Impacts from Alternative Energy Developments in Appalachian; Alan Collins, West Virginia University, Evan Hansen, Downstream Strategies, and Michael Hendryx, West Virginia University

Demand for Electricity and Its Impact on Welfare: Evidence from Rural India; Rubaba Ali, University of Maryland College Park and Shahidur Khandker, Douglas Barnes, and Hussain Samad, World Bank

4.d      **Ecosystem Services**

**Lower Locks 1 and 2**

**Moderator: Dana Marie Bauer, Boston University**

Evaluating the Demand for Ecosystem Service Credit Markets; Rondi Schei, Sahan Dissanayake, and David Ervin, Portland State University

Environmental Accounting and Depletion of Nonrenewable Resources in the Presence of Technological Progress: A Case Study of Colombia; Michee Lachaud and Farhed Shah, University of Connecticut

The Impacts of Risk Preferences and Option Value on the Timing of Conservation Technology Adoption; Jordan Suter, Oberlin College and Karina Schoengold, University of Nebraska

Valuing Local Carbon Sequestration Along An Urban-to-Rural Gradient; Dana Marie Bauer, Lucy Hutyra, and Steve Raciti, Boston University