

Northeastern Agricultural and Resource Economics Association Meetings

June 13-15, 2010

Atlantic City, NJ

Trump Plaza Hotel and Casino

FINAL PROGRAM

SUNDAY, JUNE 13, 2010

- 12:00 pm – 3:00 pm NAREA Executive Board Meeting, Highlander A
- 3:30 pm – 7:00 pm NAREA Event - Engaging Young Scholars, Westminster Ballroom
- 3:00 pm – 7:00 pm Registration, Conference Room Area Lobby
- 7:00 pm – 9:30 pm Welcome Reception, Pool

MONDAY, JUNE 14, 2010

- 8:00 am – 12:00 pm & Registration, Conference Room Area Lobby
2:00 pm – 4:00 pm

8:30 am – 9:30 am Invited Presentation, Imperial Ballroom BD

“Ecosystem Services and Agriculture: A World without Vanilla, Chocolate, and Strawberry?”
Dana Bauer, Assistant Professor, Department of Geography and Environment, Boston University

Moderator: Robert J. Johnston, Clark University, President-Elect NAREA

9:30 am – 9:45 am Morning Break, Imperial Atrium

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

1.a Land Preservation

Westminster AB

Moderator: Jacqueline Geoghegan, Clark University

“Development of a Best Practices Framework for Agricultural Land Preservation Programs in Maryland: Future for Optimization” Yu Chen, University of Delaware; Kent Messer, University of Delaware; William Allen, The Conservation Fund

“Assessing the Effectiveness of Conservation Easements for Wildlife Conservation in West Virginia” Sudiksha Joshi, West Virginia University; Michael Strager, West Virginia University

“An Empirical Analysis of a “Smart Subsidy” Nathaniel Higgins, Economic Research Service, USDA; Shawn Bucholtz, Farm Service Agency, USDA; Lori Lynch, University of Maryland

“A Spatial Analysis of Local Preservation Referenda Appearance and Adoption” Martin Heintzelman, Clarkson University; Dustin Grzeskowiak, Clarkson University

1.b Food Production and Access

Chelsea B

Moderator: Carolyn Dimitri, Economic Research Service, USDA

“Agglomeration Economies and Firm Growth in the New York Food and Beverage Manufacturing Sector” Jeffrey Hall, Cornell University; Todd Schmit, Cornell University

“SNAP, Stigma and Food Access in the Northeast” Alessandro Bonanno, Penn State University; Jing Li, Penn State University

"Protection, Production, and Persuasion: Factors Influencing Pesticide Regulatory Decisions under the Food Quality and Protection Act" Elisabeth Newcomb Sinha, University of Maryland,

"Constructing Estimates of the Hidden Cost of Food in the U.S." Charles Rhodes, University of Connecticut

1.c **Trade, Efficiency and Transnational Issues**

Westminster C

Moderator: Titus Awokuse, University of Delaware

"Introducing wine into grocery stores: Economic implications and transitional issues" Brad Rickard, Cornell University;

"Avian Influenza Alters Japans Shell Eggs and Egg Products Import Patterns" Fawzi Taha, Economic Research Service, USDA; William Hahn, Economic Research Service, USDA

"Welfare Gains from the Removal of Natural Resource Export Restrictions: The Case of British Columbia" Steven Dundas, University of Delaware; Jacob Fooks, University of Delaware; Titus Awokuse, University of Delaware

"From Innovation System Perspective: Environmental Friendly Technical Change and Small and Medium Sized Enterprises" Pinar Geylani, Duquesne University; Bahar Erbas, TOBB University of Economics and Technology

1.d **Valuation**

Chelsea A

Moderator: Mahesh Ramachandran, Clark University

"Willingness-to-pay for Forest Ecosystem Services in Rhode Island: Do Payment Elicitation Mechanisms Matter?" Jacqueline Haskell, NOAA; Emi Uchida, University of Rhode Island; Stephen Swallow, University of Rhode Island; Hirotsugu Uchida, University of Rhode Island

"Comparison of three rebate rules for provision of public goods with provision point: Experiments motivated by ecosystem service markets" Zhi Li, University of Rhode Island; Stephen Swallow, University of Rhode Island; Christopher Anderson, University of Rhode Island

"Valuation of a Quasi-Public Good Using both Revealed and Stated Preference Techniques" Allison Borchers, University of Delaware; Joshua Duke, University of Delaware

"Measuring Public Preferences for Watershed Management Programs in Blackstone River Watershed, Rhode Island, USA: An Application of Contingent Choice Method" Achyut Kafle, University of Rhode Island; Stephen Swallow, University of Rhode Island; Liz Smith, University of Rhode Island

11:30 am – 1:00 pm Awards Luncheon and Welcome, Imperial Ballroom AC

The NAREA Award for Outstanding Public Service through Economics
Dr. Thomas H. Tietenberg, Mitchell Family Professor of Economics, Emeritus, Colby College
"Cap-and-Trade: The Evolution of an Economic Idea"

Welcome: Robert M. Goodman, Executive Dean, School of Environmental and Biological Sciences, Rutgers University
Moderator: Jacqueline Geoghegan, President NAREA

1:15 pm – 2:45 pm SELECTED PAPER SESSIONS 2.a – 2.d

2.a **Biofuels and Carbon Capture**

Westminster AB

Moderator: Stacey Sneeringer, Wellesley College

"Urban Influence on Costs of Production in the Corn Belt: How Climate Change and the Ethanol Mandate Boost Chemical Use" Richard Nehring, Economic Research Service, USDA; Seth Wechsler, University of Maryland; Ken Erickson, Economic Research Service, USDA; Vince Breneman, Economic Research Service, USDA; Charlie Hallahan, Economic Research Service, USDA

"Estimating a cellulosic biomass crop supply function with GIS and a crop simulation model" David Timmons, University of Massachusetts

"Analyzing the Economic Impacts of CO2 Intrusion into Freshwater Aquifers" Praveena Jayaraman West Virginia University; Mark Sperow, West Virginia University

"Identifying the Causal Effect of Ethanol Production on Corn Production" Barrett Kirwan, University of Maryland; Stacy Sneeringer, Wellesley College

2.b **Issues in Agriculture**

Westminster C

Moderator: Joshua Duke, University of Delaware

Characterizing New Jersey's Farm Landscape: Case Studies of Urban Fringe Farm Footprints" Brian Schilling, Rutgers University; Jack Rabin, Rutgers University; Lucas Marxen, Rutgers University

"Evaluating Revisions in Eligibility Criteria for Farmland Assessment in New Jersey" Brian Schilling, Rutgers University; Kevin Sullivan, Rutgers University; Lucas J Marxen, Rutgers University

"The role of risk mitigation in production efficiency: A case study of Bolivian potatoes producers" Catherine Larochelle, Virginia Tech; Jeffrey Alwang, Virginia Tech

"Apple Management: Survey Evidence on Conventional and Organic Farms from 2007- Comparing Apples to Apples" Edward Slattery, Economic Research Service, USDA; Richard Nehring, Economic Research Service, USDA; Seth Wechsler, University of Maryland; Agapi Somwaru, Economic Research Service, USDA; Charlie Hallahan, Economic Research Service, USDA

2.c **International Trade**

Chelsea B

Moderator: Alessandro Bonanno, Penn State University

"Prospect for Continued Free Trade Agreements: A View from New Jersey Agricultural Producers" Edmund Tavernier, Rutgers University; Anita Yadavalli, Rutgers University

"De Gustibus Asparagus: Availability, Habits, and Welfare from the Vegetable Trade" Peyton Ferrier, Economic Research Service, USDA; Chen Zhen, Research Triangle Institute;

"The WTO: Does it Increase Trade? A Look at the First Decade of the Twenty-First Century" Kathryn Onken, University of Delaware; Jubo Yan, University of Delaware; Titus Awokuse, University of Delaware

"Impact of Exchange Rate Volatility on U.S. Demand for Source Differentiated Beef" Keithly Jones, Economic Research Service, USDA; Andrew Muhammad, Economic Research Service, USDA;

2.d **Symposium - The Use of Ecological Indexes and Indicators in Water Quality Valuation**

Chelsea A

Moderator: Will Wheeler, US Environmental Protection Agency, National Center for Environmental Economics

"Integrating Ecology and Economics: Using Bioindicators in the Valuation of Ecosystem Services" Robert Johnston, Clark University; Eric T. Schultz, University of Connecticut, Kathleen Segerson, University of Connecticut, Elena Y. Besedin, Abt Associates; Mahesh Ramachandran, Clark University.

"Water Quality Indicators in Hedonic Property Analysis" Patrick Walsh, US Environmental Protection Agency, National Center for Environmental Economics

"The Use of Ecological Indexes and Indicators in Water Quality Valuation: Water Quality Index Aggregation and Cost Benefit Analysis" Will Wheeler, US Environmental Protection Agency, National Center for Environmental Economics

2:45 pm – 3:00 pm **Afternoon Break, Imperial Atrium**

3:00 pm – 4:30 pm **SELECTED PAPER SESSIONS 3.a – 3.d**

3.a **Coastal and Marine Resources**

Westminster AB

Moderator: Dana Bauer, Boston University

"Economic Impact of the TED Regulation - A U.S. Approach to Reduce Stochastic Sea Turtle Bycatch" Zinnia Mukherjee, University of Connecticut

"Economic Evaluation of a Catch Share Program: Evidence from Rhode Island Fluke Fishery Sector Pilot Program" Andrew Scheld, University of Rhode Island

"Estimating the Recreational Value of Changes in Beach Access to Mid-Atlantic Beaches " Stela Stefanova, University of Delaware; George Parsons, University of Delaware; Georgi Spiridonov, University of Delaware

"The Influence of Beach Awareness on the Economic Value of Beach Nourishment Projects" Georgi Spiridonov, University of Delaware; George Parsons, University of Delaware

3.b **Rural and Regional Development**

Westminster C

Moderator: John Halstead, University of New Hampshire

"Income Strategies, Endowments and Poverty: Evidence from Panel Data of Rural Households in Ethiopia" Bayou Demeke, Penn State University;

"New England Firms' Willingness to Hire Retirees" Douglas Morris, University of New Hampshire; Lyndon Goodridge, University of New Hampshire; Alberto Manalo; University of New Hampshire

"Later Life Farming: Retirement and Succession Concerns of Farm Households" Robin Brumfield, Rutgers University; Barbara O'Neill, Rutgers University; Robert Mickel, Rutgers University; Stephen Komar, Rutgers University

"Measuring the Effects of Social Capital and Land Use on Quality of Life: Two Case Studies" John Halstead, University of New Hampshire; Patricia Jarema, University of New Hampshire; Shannon Rogers, University of New Hampshire

3.c **Water**

Chelsea B

Moderator: Lynne Lewis, Bates College

"The impact of non-price policies on the outdoor water demand: A Spatial Analysis of the Effect of Neighborhood" Mahesh Ramachandran, Clark University

"Sustainable Groundwater Irrigation with Induced Technology under Uncertainty" Glenn Schaible, Economic Research Service, USDA; C.S. Kim, Economic Research Service, USDA; Marcel Aillery, Economic Research Service, USDA

"Optimal Allocation of Water Quantity While Considering Downstream Water Quality: A Case Study of the Nakdong River-basin in South Korea" Taeyeon Yoon, University of Connecticut; Yoon Lee, Korea Environment Institute; Farhed Shah, University of Connecticut

"There's Water, but Can We Use It?" Mark Sperow, West Virginia University;

3.d **Symposium - Bioenergy Demand, Economics and Feedstock Supply**

Chelsea A

Moderator: Margaret Brennan-Tonetta, Rutgers University

"What will New England Consumers Demand from their Biofuels?" Caroline Noblet, University of Maine; Mario Teisl, University of Maine; Katherine Hassett, University of Maine

"An Economic Assessment of Converting Horse Manure to Bioenergy for On-Farm and Regional Application" Kevin Sullivan, Rutgers University, David Babson, Rutgers University, Margaret Brennan-Tonetta, Rutgers University

"Estimating the Supply of Woody Biomass for Energy Use in Pennsylvania" Marc McDill, Penn State School of Forest Resources

"Methodology and Decision Support Tool for Estimating Statewide Bioenergy Potential" Margaret Brennan-Tonetta, Rutgers University

4:30 pm – 5:30 pm

NAREA Business Meeting, Imperial Ballroom BD

EVENING AND DINNER ON YOUR OWN

TUESDAY, JUNE 15, 2010

8:30 am – 12:30 pm **Registration for Conference / Post-Conference Workshop, Conference Room Area Lobby**

9:00 am – 10:00 am **Invited Presentation, Imperial Ballroom BD**

“Organic Agriculture: An Agrarian or Industrial Revolution?”
Carolyn Dimitri, Economic Research Service, USDA

Moderator: Robert J. Johnston, Clark University, President-Elect NAREA

10:00 am – 10:30 am **Morning Break, Imperial Atrium**

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

4.a **Knowledge, Attitudes and Behavior**

Westminster AB

Moderator: Allison Borchers, University of Delaware

“International Knowledge Spillovers in the U.S. Wind Energy Industry” Gerald Simons, Grand Valley State University; Paul Isely, Grand Valley State University

“Private Provision of Environmental Public Goods and Collective Beliefs Formation: to What Extent Ecolabelling Schemes are Effective” Louis Jaeck, University Paul Cezanne

“A Call from the Wilderness: Choosing Alaskan Oil or Wildlife” Deep Mukherjee, University of Connecticut; Nataliya Plesha, University of Connecticut

“Outdoor Recreation and Environmental Concern: Exploring a Simultaneous Relationship” Katherine Hassett, University of Maine; Mario Teisl, University of Maine; Caroline Noblet, University of Maine

4.b **Spatial Analysis**

Chelsea B

Moderator: Jill Caviglia-Harris, Salisbury University

“Pricing Spatial Basis Risk for Weather Index Insurance” Michael Norton, Columbia University; Calum Turvey, Cornell University; Dan Osgood, Columbia University

“Neighborhood Spillover Effects between Rezoning and Housing Price” Seong-Hoon Cho, University of Tennessee; Ji Young Kim, University of Tennessee; Roland K Roberts, University of Tennessee

“Dynamics of deforestation and development on the Amazon frontier” Katrina Mullan, North Carolina State University; Subhrendu Pattanayak, Duke University; Erin Sills, North Carolina State University; Jill Caviglia-Harris, Salisbury University

“The Impact of Settlement Design on Tropical Deforestation Rates and Spatial Patterns” Jill Caviglia-Harris, Salisbury University; Daniel Harris, Salisbury University

4.c **Dairy**

Westminster C

Moderator: Sanjib Bhuyan, Rutgers University

“Chinas evolving dairy market and potentials for U.S. exports” Guangxuan Zhang, University of Vermont; Qingbin Wang, University of Vermont; Robert Parsons, University of Vermont

“Impact of Participation in Cooperatives on the Profitability of Dairy Farms in the Northeast” Sanjib Bhuyan, Rutgers University;

“Organic dairy farming in the Northeast: Results of a 5 year study” Robert Parsons, University of Vermont; Qingbin Wang, University of Vermont;

“Impacts of the 2008 Milk Contamination Incidents in China on Stock Prices of Dairy Firms: An Event Study” Yanhong Jin, Rutgers University; Chen Gao, Rutgers University

4.d **Food Safety**

Chelsea A

Moderator: David Just, Cornell University

"Cognitive Dissonance in Eating Behavior under Food-Borne Risk: A Lab Experiment" Ying Cao, Cornell University; David Just, Cornell University; Brian Wansink, Cornell University

"Do Food Safety Standards Hurt Exports: Evidence from Developing Countries?" Olufemi Bolarinwa, University of Delaware; Titus Awokuse, University of Delaware;

"The Effect of Food Safety Regulations on the International Trade in Shrimp" George Szczepanski, University of Delaware; Titus Awokuse, University of Delaware;

"Using Best-Worst Scaling Technique to Investigate People's Perceptions of Control and Concern over Food and Non-food Risks" Seda Erdem, University of Manchester; Dan Rigby, University of Manchester

12:00 Post-Conference Workshop, Economics of Local Food Markets (Details in Workshop Program)

Chelsea C