

**2012 NAREA Workshop**  
**The Economics of Agricultural and Rural Ecosystem Services**

June 12-13, 2012  
Lowell, Massachusetts

**Tuesday, June 12, 2012**

9:00 AM      **Keynote Address** in coordination with NAREA Annual Meeting      **Grand Ballroom**  
Cross-Disciplinary Ecosystem Services Research: Getting Ecology and Economics to 'Sing Together'

*James W. Boyd, Senior Fellow and Director, Center for the Management of Ecological Wealth, Resources for the Future*

10:30 AM      **Session on Ecosystem Services at NAREA Annual Meeting**      **Lower Locks**  
See NAREA Annual Meeting Program

12:15 PM      **Welcome and Lunch with Invited Plenary Speaker**      **Grand Ballroom**  
*Dana Bauer, Boston University, and Robert Johnston, Clark University*

Economics and Environmental Markets: Lessons from Water Quality Trading  
*James S. Shortle, Distinguished Professor of Agricultural and Environmental Economics, Director of the Environment and Natural Resources Institute, Penn State University*

2:00 PM      **Selected Papers Session I – Ecological Restoration**      **Lower Locks**  
Moderator: *Dana Bauer, Boston University*

Stated preferences for intermediate versus final ecosystem services: disentangling willingness to pay for omitted outcomes

*Robert Johnston, Clark University (presenter)*  
*Eric T. Schultz, University of Connecticut*  
*Kathleen Segerson, University of Connecticut*  
*Elena Y. Besedin, Abt Associates*  
*Mahesh Ramachandran, Clark University*

Valuing ecosystem restoration: tradeoffs, experience and design

*Sahan Dissanayake, Portland State University (presenter)*  
*Amy Ando, University of Illinois at Urbana-Champaign*

Valuing environmental assets on rural lifestyle properties

*Maksym Polyakov, University of Western Australia (presenter)*  
*David Pannell, University of Western Australia*  
*Ram Pandit, University of Western Australia*  
*Sorada Tapsuwan, CSIRO Ecosystem Science*  
*Geoff Park, North Central Catchment Management Authority*

3:30 PM **Break**  
3:50 PM **Selected Papers Session II – Agricultural and Forest Lands** **Lower Locks**

Moderator: *Robert Johnston, Clark University*

Modeling the production of multiple ecosystems services from agricultural and forest landscape in Rhode Island

*Tingting Liu, University of Rhode Island (presenter)*  
*Nathaniel H. Merrill, University of Rhode Island*  
*Arthur J. Gold, University of Rhode Island*  
*Dorothy Q. Kellogg, University of Rhode Island*  
*Emi Uchida, University of Rhode Island*

Evaluating tradeoffs among ecosystem services in public lands management

*Jeffrey Kline, USDA Forest Service (presenter)*  
*Marisa Mazzotta, US EPA*  
*Thomas Spies, USDA Forest Service*  
*Mark Harmon, Oregon State University*

Prioritizing ecosystem service protection and conservation efforts in the forest plantations of the Red Hills region

*Rebecca Moore, University of Georgia (presenter)*

5:20 PM **Wrap-Up Day One and Logistics for Day Two**

5:30 PM **Adjourn Day One**

### **Wednesday, June 13, 2012**

8:30 AM **Breakfast** **Lower Locks**

9:00 AM **Day Two Opening Remarks**

9:10 AM **Selected Papers Session III – Externalities** **Lower Locks**

Moderator: *Dana Bauer, Boston University*

Tradeoffs among ecosystem services, performance certainty and cost-efficiency in the implementation of the Chesapeake Bay TMDL

*Lisa Wainger, University of Maryland (presenter)*  
*George Van Houtven, RTI International*  
*Ross Loomis, RTI International*  
*Jay Messer, retired (formerly US EPA)*  
*Marion Deerhake, RTI International*

Biomass production, nitrogen fertilizer externalities, and forest ecosystem services: maximizing net benefits

*David Timmons, University of Massachusetts Boston (presenter)*

The additionality of offsets in Chesapeake Bay nutrient trading

*Joshua Duke, University of Delaware (presenter)*

*Joshua McGrath, University of Maryland*

*Nicole Fiorellino, University of Maryland*

*Tyler Monteith, University of Delaware*

*Emileigh Rosso, University of Maryland*

10:40 AM **Break**

11:00 AM **Selected Papers Session IV – Wildlands**

**Lower Locks**

Moderator: *Robert Johnston, Clark University*

An economic assessment of ecosystem service values supported by wetlands of the Okefenokee National Wildlife Refuge

*Douglas Patton, University of Georgia (presenter)*

*Rebecca Moore, University of Georgia*

*Alan Covich, University of Georgia*

*John Bergstrom, University of Georgia*

The value of forever wild: an economic analysis of land use in the Adirondacks

*Carrie Tuttle, Clarkson University*

*Martin Heintzelman, Clarkson University (presenter)*

Valuation of ecosystem services: the case of Örség National Park, Hungary

*Ildiko Losonci, University of New Hampshire (presenter)*

*John Halstead, University of New Hampshire*

*Ju-Chin Huang, University of New Hampshire*

12:30 PM **Lunch with Invited Plenary Speaker**

**Grand Ballroom**

Demand-Side Values for Ecosystem Services and Implications for Innovative Ecosystem Service Markets

*Stephen K. Swallow, Professor of Agricultural and Resource Economics, University of Connecticut*

2:00 PM **Break**

2:20 PM **Working Session**

**Lower Locks**

Next Steps for Agricultural and Rural Ecosystem Services *and* Discussion of ARER Special Issue and Potential Edited Book Volume for Policy Audience

*Facilitators: Dana Bauer, Boston University, and Robert Johnston, Clark University*

3:50 PM **Adjourn Meeting**