

FROM THE PRESIDENT...

As the leaves fall in New England and the weather turns colder, it is a good time to report on AERE-related news for the past year and look ahead to things to come in 2010.

AERE Elections

As you know, this is the time of year when we hold the annual AERE elections. This year we will be electing a new president, a new vice-president, and two new Board members. The newly elected president will spend one year as president-elect, and then take over the reins in January 2011. The vice-president and new Board members will begin their terms this January. Results of the elections will be announced at the AERE Luncheon in Atlanta. The nominating committee (Laura Taylor, Amy Ando, and Larry Karp) has put together a wonderful slate of candidates. I'd like to personally thank every one of them for agreeing to run for election. It is a testament to AERE that such great (and busy!) people are willing to give of their time and energy to serve the association in this way. The only downside is that we cannot elect all of them!

This year, for the first time, AERE will be conducting elections on-line rather than through paper ballots. This is designed not only to make the voting process more efficient, but also save trees and reduce carbon emissions. Instructions on how to cast your electronic ballot have been sent to all 2009 AERE members. Please be sure to take the time to vote **by the December 1st deadline**. Elections are often very close—sometimes decided by a vote or two—so every vote truly counts.

While we are anxious to elect new AERE officers and Board members, we will greatly miss those who will be stepping down this year—our current vice-president, Laura Taylor, and two of our current Board members, Carol McAusland and Larry Goulder. Laura has taken the lead on a number of important AERE initiatives, including overhauling the AERE website and developing plans for the new all-AERE Conference—see more on this below. She has been a very pro-active VP, and we will miss her day-to-day involvement in running the association. She has, however, agreed to continue to work on plans to hold the all-AERE conference in 2011, so she will still be actively involved. Both Carol and Larry have also been key members of the Board, serving

TABLE OF CONTENTS

From the President ...	1
AERE News	
AERE Board of Directors Meeting	5
AERE Annual Meeting and Luncheon	5
AERE Summer Workshop 2009	5
AERE Fellows Program	6
AERE PEQ Award 2009	6
AERE Membership Office	7
<i>JEEM</i> Managing Editorship	7
<i>In Memoriam</i>	7
2009 Institutional/University Members	9
Calls for Papers and Essay	
AAEA 2010	11
ASSA 2011	11
SEA 2010	11
ICABR 2010	11
NAREA 2010	12
NAREA Workshop	12
4 th World Congress	13
Envecon 2010 (UKNEE)	14
AERE Newsletter	14
Conferences, Meetings, and Workshops	
ASSA Atlanta 2010.....	15
IAIA 2010	19
Society for Conservation Biology	19
Society for Environmental Law and Economics	20
SEA 2009	21
SETAC Asia/Pacific Joint Conference ...	25
Essay	
<i>Using Time Use Data to Examine Outdoor Recreation From 1965 To 2007</i> by Juha Siikamäki.....	26
Bulletin Board	
FEEM 20 th Anniversary Prize.....	32
HEEP	32
Body of Knowledge on Infrastructure Regulation	33
RFF Newsletter for Academics	33
Jobs, Fellowships and Scholarships	34

on various subcommittees and providing insights and perspectives that have been influential in shaping Board decisions. I'd like to thank them for their service. They will be missed as well.

Finally, as many of you know, Richard Newell, who was an AERE Board member, was appointed by the Obama Administration to head the Energy Information Agency. As a result, he had to resign from the AERE Board. Per our by-laws, the Board has appointed a replacement for Richard to serve out the remainder of his term (until December 31, 2010). I am very pleased to announce that Kerry Smith has agreed to replace Richard on the Board. Kerry needs no introduction. AERE wouldn't be the association it is today without Kerry's dedication and involvement and I am very grateful that he is once again willing to help.

AERE at the ASSA

This year, AERE is sponsoring nine sessions at the ASSA meeting in Atlanta including one joint session with the American Economic Association (see p. 15). We owe a great deal of thanks to the hardworking committee that reviewed and selected the papers for this year's excellent program. The members are Dietrich Earnhart (chair), Martin Smith, and Wolfram Schlenker. Dietrich rotates off the Program Committee after three years of much appreciated service and Matt Kochen, UC Santa Barbara, joins beginning in January.

At the AERE Luncheon, we will be announcing three 2009 AERE honors: AERE 2009 Fellows, the Publication of Enduring Quality (PEQ), and the AERE Award for Best *JEEM* Paper (new this year). The selections for these have now been made but the names of the recipients are not disclosed until the luncheon. The Fellows were selected by the Board. The PEQ award was selected by a three-person committee, which this year consisted of Douglass Shaw (chair), Cathy Kling, and Ray Palmquist. The new Best *JEEM* Paper award was selected by a committee comprised of the editor of *JEEM* (Chuck Mason), a *JEEM* associate editor (Arik Levinson), and an AERE representative (Spencer Banzhaf). We hope you will be at the luncheon when the recipients receive their awards. The reservation form is posted on the AERE web at:

<http://www.aere.org>

Space is limited and the deadline to register is noon CST, **Friday, December 18.**

It is not too early to start thinking about nominations for next year's AERE Fellow and PEQ awards. The calls for nominations appear below in this newsletter. Please consider nominating someone you believe is deserving of either of these important recognitions. The call for

nominations for Best *JEEM* Paper will be included in the May 2010 *AERE Newsletter*.

4th World Congress in Montreal (and Other AERE Sessions)

By now you should have received the call for papers for the 4th World Congress of Environmental and Resource Economists, which will be held June 28 through July 2, 2010, in Montreal, Canada. (It also appears on p. 13 in this issue.) The World Congress is jointly sponsored by AERE and our European counterpart, the European Association of Environmental and Resource Economists (EAERE). AERE members Gérard Gaudet and Pierre Lasserre are co-chairs of the local organizing committee (LOC). The LOC has established a website for the conference at

[\(http://www.wcere2010.org/\)](http://www.wcere2010.org/)

where you can find information about the World Congress and instructions for submitting papers. Proposals are also being accepted for organized sessions. Keynote speakers will be Daron Acemoglu (MIT), Simon Levin (Princeton), Richard Schmalensee (MIT), and Jean Tirole (Université de Toulouse).

In addition to the scholarly program, the LOC is planning several social events. Montreal is a fantastic city, so in addition to the planned events, there should be plenty to do in and around the city. In fact, the conference will overlap with the Montreal Jazz Festival, so you might even consider staying a few extra days to take full advantage of this world-renowned event. (According to one website, "If you are into Jazz, this is the Mothership.") Regardless of whether you are a jazz fan or not, we hope to see you in Montreal!

As in the past, no AERE Workshop was scheduled for 2010 because of the World Congress. In addition, although the AERE-sponsored sessions at the Western Economic Association International (WEAI) meetings were very successful this year, we have decided not to sponsor sessions at the 2010 WEAI meetings, again because of the World Congress. However, we will still have our usual sessions at the AAEA meetings in July, at the Southern Economic Association meetings in November, and at the ASSA meetings in January 2011. The calls for papers for these meetings appear below in this newsletter. The paper selections for the AAEA and ASSA sessions will be made by the AERE Program Committee chaired by Marty Smith. I want to thank the members of the committee for their willingness to take on this important and significant task! Note that this year we will be experimenting with posters at the AAEA meetings, so please keep this in mind when you submit your paper(s) for consideration.

All-AERE Conference

Plans are being developed for the first All-AERE Conference, which will be held in the summer of 2011. As noted above, Laura Taylor has taken the lead on this, with help from Max Auffhammer, Larry Goulder, Richard Newell, and Ann Wolverton. The conference will replace the AERE Workshop, which by design focused on a single topic. The Board believes that having a conference with concurrent sessions on a wide variety of topics of interest to our members will better serve the needs of our membership.

As much as possible, we've talked to AERE members about the idea of moving to an All-AERE Conference, and the responses have been very positive. However, there are some members who feel very strongly about the AERE Workshop and will undoubtedly be disappointed by the decision to replace it with a conference. The decision to do so was not made lightly. Thanks to the hard work of many people over the years, the AERE Workshop has been a time when a group of members with a shared interest in a specific topic could come together in a relatively small group setting to share research and ideas. By every measure, this year's Workshop on *Energy and the Environment*, organized by Dan Hellerstein and Marca Weinberg with the help of Max Auffhammer, John Charbonneau, Norman Meade, Ann Wolverton and Marilyn Voigt, was a great success (see the Workshop report on p. 5). However, over the years attendance at the workshop has been highly variable, and it is nearly impossible to choose topics each year that are of direct interest to a sufficient number of members. In addition, given its format, the number of papers that can be included on the program is relatively small. While AERE sponsors paper sessions at different meetings that allow members to share their research (ASSA, AAEA, SEA, and WEAI), these venues do not serve as an opportunity for AERE members (nearly 950 in 2009) to come together in a single meeting focused on our field. For these reasons, the Board believes that the time is right to replace the workshop with a more inclusive conference. Nonetheless, we hope to have some workshop-like events held at or in conjunction with the conference. Details will be forthcoming as AERE continues to engage the AERE Workshop sponsors (EPA, NOAA, ERS, and FWS) in the planning of these events. We will keep you posted as these plans progress.

Journal of Environmental Economics and Management (JEEM)

The news regarding *JEEM* is two-fold. First, the five-year term for the current *JEEM* editor, Chuck Mason, ends at the end of 2010, and Chuck has indicated that he will not seek a second term. We are all extremely

grateful to Chuck for his dedication and service during his term as editor. Since the *JEEM* editor is selected by AERE in consultation with Elsevier and we need someone in place when Chuck steps down, we are issuing a call for proposals for the next editor now (see p. 7). This is a very prestigious position, and, more importantly, it is a position that has the potential to influence significantly not only the journal but the profession as well. I hope that some of you will seriously consider serving AERE and the profession in this way, and/or encourage colleagues and others to consider it.

The second *JEEM* issue relates to AERE's relationship with Elsevier in general, and, more specifically, the issue of *JEEM* subscriptions for AERE members. Currently, AERE does not have a formal contract with Elsevier; we are operating under the old contract between AERE and Academic Press that was in place when Elsevier took over Academic Press. Both Elsevier and I believe it would be useful to sign a new contract to clarify our relationship. For one thing, it would allow us to define what it means for *JEEM* to be our "official journal," i.e., what role AERE plays in running *JEEM*, what obligations we have to Elsevier, and vice versa. Under the contract with Academic Press, each AERE membership was required to include a subscription to *JEEM*, and the membership payment was set to include dues plus the associated (discounted) cost of these individual subscriptions. However, since many AERE members have access to *JEEM* through other channels (e.g., institutional subscriptions to services like Science Direct), last year Elsevier agreed to decouple the two. Based on a survey of AERE members, the expectation was that a significant number of AERE members would still opt to purchase an individual *JEEM* subscription (offered at a discounted rate). The number of members who have actually purchased an individual subscription has been very low. Elsevier is concerned about this (since it means less revenue for them), and would like to institute some means of ensuring greater revenue from AERE members for *JEEM*. We will need to negotiate with Elsevier over the coming months about the issue of *JEEM* subscriptions. I mention it here so that everyone is aware that Elsevier is seeking to renegotiate the decoupling issue as part of a broader negotiation of a new contract with AERE.

Review of Environmental Economics and Policy (REEP)

As announced in the last *Newsletter*, Charlie Kolstad has become the new editor of *REEP*, replacing Rob Stavins as of July 1, 2009. Since this was the first editorial transition at *REEP*, the details of how new editorial teams would be determined needed to be worked out. The Board unanimously approved a new policy under

which the *REEP* editorial team would be comprised of four people: the editor and three co-editors. One of the co-editors would be the former editor. Thus, when Rob stepped down as editor, he became a co-editor. In addition, the Board needed to appoint an additional co-editor. The editorial team at that time (Rob, Charlie, and Carlo Carraro) recommended Matt Kahn for the new co-editor position. This recommendation was unanimously approved by the Board and Matt's term began July 1, 2009. Many thanks to the entire editorial team at *REEP* for all they have done to make *REEP* the "go-to" place for broadly-accessible articles on key issues and debates relating to natural resource and environmental policies!

Although the new *REEP* editorial team is in place, looking ahead the Board sees the need for a more explicit policy about some of the details regarding future transitions, including nominations and terms. Board members Scott Taylor and Larry Goulder have agreed to work on developing a proposal regarding these details for consideration by the Board.

Finally, I'd like to thank all of the AERE members who took the time to complete the recent *REEP* survey from Oxford University Press. As a key part of *REEP*'s audience, input from AERE members is a critical part of assessing how well the journal is meeting its goals. The results of the survey will be very helpful to both OUP and the *REEP* editorial team in future decisions regarding content, marketing, etc. for the journal.

AERE Management

As reported in the last newsletter, we are in the process of hiring new management for AERE. Fortunately, Marilyn Voigt is still staying on and will continue to function in a capacity that is similar to her current capacity (albeit with a different title and slight change in responsibilities), but we need to replace the services that are currently supplied by Executive Directors, Inc. (EDI) (e.g., database management, meeting support, financial records/reports, etc.). A Request for Proposals went out in September, with an October 30 deadline for responses. We've received a large number of responses, from both individuals and management companies. We have begun the process of reviewing them and hope to make a selection quickly so that we can transition to a new regime at the beginning of 2010. I have spoken on the phone to a number of people who were preparing submission, and heard the same basic message from several of them: "We don't view this as an opportunity to make money, but rather as an opportunity to work with a very interesting group/association devoted to an important cause." Given this, I am confident that we will be able to identify either an individual or an organization that shares our mission and can provide us with the

additional administrative services we need to carry it out.

A Closing Thought

I want once again to thank everyone for their continued support of AERE. While AERE provides many private benefits, a key *raison d'être* for our association is the public good that we generate. So, despite how hectic this time of year can be, I hope that all of you take a few minutes to securely renew your membership at:

<http://www.aere.org/membership/>.

As we come out of the recession and move into a period of restored growth, it will be more important than ever to have the perspectives and principles that define our field reflected in both public and private decisions. AERE can help make that happen, but only with your continued support. Please contact me if you are interested in serving in any capacity.

All the best for the holiday season and the coming new year!

Kathleen Segerson
Philip E. Austin Professor of Economics
Department of Economics
University of Connecticut
Box U-63
Storrs, CT 06269-1063 USA
kathleen.segerson@uconn.edu
Telephone: 860-486-4567

AERE Newsletter

Co-Editors

John Loomis
Colorado State University
Dept. of Agricultural and Resource Economics
jloomis@lamar.colostate.edu

Marilyn M. Voigt
AERE Executive Director
voigt@rff.org

Assistant Editor

Kathleen Meaney Stobie
kmstobie@att.net

Publisher

Association of Environmental and Resource Economists
1616 P Street NW, Suite 600
Washington, DC 20036
202-328-5125

AERE NEWS

AERE BOARD MEETING

The annual meeting of the AERE Board of Directors will be held on Sunday, January 3rd, from 5:30 to 8:30 p.m. at the Hilton Atlanta Hotel, Crystal A Room. Anyone with matters to be brought before the Board should contact the president, Kathleen Segerson at kathleen.segerson@uconn.edu

AERE ANNUAL MEETING AND LUNCHEON

All 2009 members of AERE as well as recent new members are invited to attend the annual meeting and luncheon on Monday, January 4th, from 12:15 to 2:15 p.m. at the Hilton Atlanta Hotel, Grand Salon C. This is a very popular annual event and a great chance to get together with old and new friends. (Register early as space is limited.) The luncheon reservation form is posted on the AERE Web page with the option to pay online by credit card: <http://www.aere.org>. See the AERE Web for photos from last year's festivities!

<http://www.aere.org/meetings/2009AERELunch.php>

Please return the form to the AERE Membership Office in Milwaukee, Wisconsin **by noon CST, Friday, December 18th**, to hold your place. Please make your reservation on time as we are unable to guarantee seating for walk-ins!

AERE SUMMER WORKSHOP 2009

The 2009 AERE summer workshop on "Energy and the Environment" took place in Washington DC at Resources for the Future on June 18-20. Drawing from over 70 submissions, the workshop featured 11 papers, three keynote speakers, and (in an AERE workshop first) ten posters. Demand was robust and participation was cut-off at 90 registrants to maintain the intimacy of a workshop. According to all who commented, the workshop was well organized, intellectually productive and otherwise a great success.

The keynote speakers focused on a broad set of topics. Dale Jorgenson from Harvard discussed the IGM intertemporal model of the U.S. Economy, highlighting the model's myriad predictions of the economy wide impacts of cap and trade programs. Kjell Kristiansen of

Point Carbon expounded on the effectiveness of the EU's ETS cap and trade markets, using its history to illuminate a variety of lessons learned. Lastly, Joe Aldy, Special Assistant to the President for Energy and the Environment, related his experiences working within the executive branch on a stream of high priority issues that need answers in a week and the role of research in informing the debates.

The selected papers reflected a broad range of energy/environment concerns. The titles of the sessions provide a flavor of the topics: transportation and fuel economy, biofuels, climate policy design comparisons, how grand is green electricity, and mechanism design for encouraging green technologies. Climate change and GHG emissions was something of a theme in a number of papers. In addition, many of the papers featured large scale models, with several incorporating interdisciplinary contributions, such as engineering estimates of the power grid.

Several of the individual papers and posters considered land use impacts and other effects of biofuel expansion. The methods used in these works ranged from multi-sectoral models incorporating forestry and agricultural responses, representative agent simulations with an energy production sector, comparative statics contrasting biofuels production versus gas taxes, and predictors of land use changes utilizing GIS and panel estimators of micro land use data. A number of other papers and posters touched on climate policy and GHGs, including work on the incidence of climate policy, the implications of risk aversion and uncertainty, the role of clean development mechanisms and carbon capture, and EU's emissions trading program. How time and space affect the environmental efficacy of modifying energy production was examined by several presentations. One considered the dynamics of cap and trade amongst electricity producers in the U.S. Northeast, a second focused on how timing and location modify the impacts of distributed wind generation, and a third examined influences of power storage in electric green vehicles on consumer choice. Transportation policy was the subject of presentations that looked at State-level regulations on GHG per mile, and how loopholes in regulation can reveal industry cost curves. Rounding out the workshop was a mix of work that examined rent reduction when implementing energy subsidy programs, the interaction of moral suasion and taxes on behavior, optimal environmental policy in a world of business cycles, and the risks of mega-catastrophes.

While DC's June was a wet one, the rains were in abeyance during the workshop, allowing for a sociable reception on RFF's scenic roof garden on Thursday evening and a pleasantly sultry dinner on the beautiful Georgetown waterfront.

The organizers are extremely grateful for support provided for the AERE Workshops by the National Oceanic Atmospheric Administration, the U.S. Environmental Protection Agency, the U.S. Department of the Interior, Fish and Wildlife Service, and the U.S. Department of Agriculture, Economic Research Service.

Daniel Hellerstein, Co-chair

2009 Workshop Committee:

Co Chairs: Daniel Hellerstein and Marca Weinberg,
U.S. Department of Agriculture, Economic Research Service
Maximillian Auffhammer, University of California,
Berkeley
John Charbonneau, U.S. Department of the Interior, Fish and Wildlife Service
Norman Meade, U.S. Department of Commerce,
National Oceanic and Atmospheric Administration
Ann Wolverton, U.S. Environmental Protection Agency

AERE FELLOWS PROGRAM

This program recognizes outstanding contributions to the field by members of the association.

Criteria: Awardees will have demonstrated a significant contribution to the advancement of the profession of environmental and resource economics. A candidate must be living at the time of nomination and be a current member of the association or have been a member for at least ten years (not necessarily continuously).

Nomination Process: Any member of AERE may nominate a candidate for Fellow. A nomination packet should include a vita of the nominee, three letters of support, and a two-page nomination letter outlining what contributions the individual has made that warrant the award. In addition, members of the AERE Board of Directors can consider candidates that have not been otherwise nominated that they feel are especially worthy. Nomination packages are to be submitted **by June 1, 2010**, to:

Dr. Kathleen Segerson
kathleen.segerson@uconn.edu
Subject Line: AERE Fellow Nomination

Every nomination file will be considered in the year of initial nomination and in the following three years

unless it is explicitly withdrawn by the original nominator. There is no requirement that the file be updated for such consideration, although nominators may optionally update the file if they choose. Any file which has not been updated for any of the three competitions following the initial nomination will be automatically dropped from consideration after that. However, such a nomination can be reinstated for another three years if the file is updated

Selection Process: The president will distribute copies to each of the Board members who will select newly appointed Fellows from the set of nominations. Announcements of the new Fellows will be made formally at the annual AERE luncheon; newly elected Fellows will be notified ahead of time to provide ample time for travel arrangements. In future years, a separate Fellows Committee may be impaneled to aid in the initial screening of candidates. The maximum number of awards: three for 2010.

**AERE PUBLICATION OF
ENDURING QUALITY AWARD 2009**

The AERE Board of Directors will present the annual award (to co-authors if appropriate) for a publication of enduring quality that appeared at least five years prior to the year of the award. The 2010 award will be announced at the annual AERE luncheon meeting in January 2011 in Denver, Colorado. Nominated works are to be evaluated on their seminal nature and enduring value. Place and type of publication are unrestricted but posthumous awards will not be given. Nominees may include individuals who are not members of AERE. Evaluation of nominated works and final selection for the 2010 award will be undertaken by a committee chaired by Douglass Shaw.

Nomination packages should consist of four copies each of a cover letter, a document supporting the nomination, and the publication itself. The supporting document (not to exceed three pages) should include quantitative as well as qualitative information (e.g., number of citations or copies printed). Nominations should be sent to arrive no later than **September 1, 2010**. This is an important award for AERE and for the recipients. Please give serious consideration to nominating a publication and to observing the submission requirements.

W. Douglass Shaw, Professor
Dept of Agricultural Economics and Dept of Recreation, Parks, and Tourism Sciences
Texas A&M University
College Station, TX 77843-2124
Telephone: 979-845-3555
WDSHaw@ag.tamu.edu

**JOURNAL OF ENVIRONMENTAL
ECONOMICS AND MANAGEMENT (JEEM)**

Managing Editorship of JEEM

After completing his five-year term as managing editor of *JEEM*, Chuck Mason will be stepping down from this position. The AERE Board is beginning the search for a new managing editor. It is hoped that the new editor's term will begin officially on January 1, 2011.

This announcement seeks proposals from individuals interested in assuming the responsibility of managing editor. Although *JEEM* has been edited by a single managing editor with help from many co-editors, this search will not rule out, *a priori*, proposals from individuals who may wish to serve as an editorial team. In such cases, the coordinating arrangement must be spelled out carefully in the proposal. It is also possible that the AERE Board will require one individual on the team to be designated as lead editor.

Proposals should include:

- Curriculum vita(s) of proposed editor(s), including evidence of substantive participation in and contributions to the discipline of environmental and resource economics;
- Detailed information on how the editorial tasks will be organized and accomplished;
- Information on the other commitments of the individual(s) and the time that the individual(s) can commit to the editorial task;
- Evidence that the institution(s) of the proposed editor(s) will support, at the minimum, release time and space requirements needed for the editorship. Information on any additional resources that can be provided by the institution would be useful but not required;
- Any future plans that may bear on the usual five-year term that is currently expected.

Proposals should be sent by e-mail to the AERE President:

Kathleen Segerson

kathleen.segerson@uconn.edu

Subject Line: JEEM Editor

Proposals must be received by **June 1, 2010** to receive full consideration. Please direct any questions about the position to Kathy Segerson by e-mail (kathleen.segerson@uconn.edu) or phone (860-486-4567).

In Memoriam

Ralph Clair d'Arge

Ralph Clair d'Arge passed away on June 27, 2009, at age 68 following complications from lung surgery. Ralph was a co-founding editor of *JEEM*, a founder of AERE, and one of the group of economists that can be credited with creating the field of environmental economics in the early 1970s. Ralph was born in Los Angeles on June 20, 1941. He received a B.S. degree from California State University at Chico in 1963, and graduated from Cornell with his PhD in 1969. He joined the faculty at the University of New Mexico 1967-69, where he formed his long-standing relationship with Allen V. Kneese and colleagues at Resources for the Future. In 1969, he established the graduate program in natural resource/environmental economics at the University of California, Riverside.

Ralph's early research focused on modeling river basin management, bioeconomic modeling of agricultural pests, air pollution damage analysis, implications of the Coase Theorem and "polluter pays" principle, and some of the first economic analysis of anthropogenic climate change. He also incorporated materials balance concepts into economics, culminating in papers that modeled policy options for managing pervasive externalities, the trade impacts of environmental taxes, and the implications for global economic growth of both limited resources and fixed environmental assimilative capacity.

In the mid 1970s Ralph moved to the University of Wyoming where he and colleagues developed the highly regarded resource/environmental economics program there. At Wyoming Ralph initiated early work on contingent value experiments, the incorporation of psychology research into survey design, and novel methods of inducing respondents to reveal truthful valuation information. Ralph retired from Wyoming in 1996 and moved to Kentucky to raise thoroughbreds. Ralph leaves his wife Dani, daughter Dahlia and son Ranyon, and two grandchildren.

Note: See the *Journal of Environmental Economics and Management* (November 2009) and the *Review of Environmental Economics and Policy* (Summer 2010) for further reflections written on Ralph's many contributions, written by Jim Wilen and Kerry Smith, respectively.

INSTITUTIONAL AND UNIVERSITY MEMBERSHIP PROGRAM

The AERE Officers and Board of Directors invite colleges, universities, and university research centers to become University Members of AERE and research institutions, nonprofit organizations, government agencies, and corporations to become Institutional Members of AERE.

Intellectual entrepreneurship is a distinguishing characteristic of AERE. Equally important, AERE research activities also display a remarkable degree of involvement with other disciplines because the issues require it. But the dues of its individual members are not sufficient to support the growing needs of the organization. AERE needs the help of organizations involved in the same fields of interest to help with its programs and outreach to students and young professionals in both the U.S. and overseas. In addition, financial support will help with the increasing costs of managing membership services including the membership database, journal subscriptions, and workshop and annual meeting registrations among other association costs.

To become a **University Member** of AERE, a contribution of \$350 is required. With this contribution, colleges and universities:

- may designate one person to receive a 2010 individual membership in AERE (which includes an electronic subscription to *REEP*, reduced rate for *JEEM*, the bi-annual *AERE Newsletter*, and a reduced fee for submitting an article to *JEEM*);
- are entitled to a sponsorship listing on the AERE Web page (www.AERE.org) and in the *AERE Newsletter* and *JEEM*;
- will receive one free advertisement on the AERE Web page and in the *AERE Newsletter* for the calendar year (a savings of \$250).

To become an **Institutional Member** of AERE, a contribution of \$1,000 is required. With this contribution, institutions receive the above benefits plus:

- two nontransferable tickets for institution staff to the annual AERE luncheon and business meeting in Denver, Colorado in January 2011;
- receive recognition at the annual AERE luncheon and business meeting.

2009 INSTITUTIONAL AND UNIVERSITY MEMBERS OF AERE

Institutional Members

Industrial Economics, Inc.

Resources for the Future

RTI International*

Stratus Consulting, Inc.

W.H. Desvousges & Associates, Inc.

**United States Department of Agriculture, Cooperative State Research,
Education, and Extension Service (CSREES) ***

University Members

**Appalachian State University
Department of Economics**

**Carnegie Mellon University*
Tepper School of Business**

**Centre Interuniversitaire de Recherché en Économie
Quantitative (CIREQ)
(of the Université de Montréal, McGill University and
Concordia University)**

**Colorado State University
Department of Agricultural and Resource Economics**

**Duke University
Nicholas School of the Environment**

**The Harvard Environmental Economics Program
(HEEP)**

**Massachusetts Institute of Technology
Department of Economics**

**Montana State University*
Department of Agricultural Economics & Economics**

**Oregon State University*
Department of Agriculture & Resource Economics**

**University of Alberta
Department of Rural Economics**

**University of Calgary*
Department of Economics**

**University of California, Berkeley
Department of Agriculture & Resource Economics**

**University of California, San Diego
Department of Economics**

**University of California, Los Angeles
Lewis Center for Regional Policy Studies**

**University of Central Florida
Department of Economics**

**University of Connecticut
Department of Agricultural & Resource Economics**

**University of Delaware
College of Marine Studies**

**University of Gothenburg
Department of Economics**

**University of Illinois at Urbana-Champaign*
Department of Agricultural and
Consumer Economics**

**University of Maine*
Department of Economics**

**University of Maryland, College Park
Department of Agricultural and Resource Economics**

**University of Michigan
Erb Institute for Global Sustainable Enterprise**

**University of Minnesota
Department of Applied Economics**

**University of Nevada, Reno
Department of Resource Economics**

**University of Oregon
Department of Economics**

**University of Tennessee
Department of Economics**

**University of Washington
Department of Economics**

**Virginia Tech
Department of Agricultural and Applied Economics**

**Yale University School of Forestry and
Environmental Studies**

**New Member in 2009*

CALLS FOR PAPERS AND ESSAY

AGRICULTURAL & APPLIED ECONOMICS ASSOCIATION (AAEA) ANNUAL MEETING

**July 25 – July 27, 2010
Denver, Colorado**

The 2010 summer meeting of the Agricultural & Applied Economics Association (AAEA), joint with the CAES and WAEA, will be held in Denver, Colorado from July 25 - 27, 2010. Martin D. Smith, Duke University, will serve as Chair of the AERE Program Committee. All submissions are to be sent electronically via e-mail. Only .pdf files will be accepted as electronic format. No submissions will be accepted via fax or postal mail.

Authors wishing to have a paper considered for the AERE sessions should send a .pdf file by e-mail to: marsmith@duke.edu (with "AERE AAEA" in the subject line of the e-mail). Abstracts cannot be jointly considered for inclusion in AERE sessions and in sessions sponsored by other associations at the AAEA meeting.

Files should be sent by the proposed presenter, who will be the contact for correspondence. No more than one submission will be accepted per presenter.

The file must provide the following information according to the following format:

- (I) name and institutional affiliation of paper presenter and co-author(s);
- (II) title of paper;
- (III) mailing address and e-mail address of paper presenter;
- (IV) up to six key words;
- (V) JEL codes;
- (VI) long abstract of the paper containing no more than 1,000 words, along with a word count;
- (VII) references.

The total file length should be 2 to 3 pages, with a maximum of 3 pages, including all of the required information. Papers submitted without all of the required information will not be considered. Electronic acknowledgements of submissions will be sent to all submitters. The deadline to submit is **January 15, 2010**.

Proposals for complete sessions are also encouraged. Organizers of proposed sessions should submit complete information for EACH of the papers following the above

instructions. Papers may be accepted or rejected on an individual basis unless the organizer specifically requests the session be considered only in its entirety. Papers that are not accepted for presentation in a session will be considered for presentation as a poster. Authors who receive an offer for a poster presentation can then decide if they would like to take advantage of this opportunity. Please note that all selected presenters must be current AERE members and priority consideration for discussants will be given to AERE members.

Dr. Martin D. Smith
Nicholas School of the Environment
Duke University
marsmith@duke.edu
Telephone: 919-613-8028

ALLIED SOCIAL SCIENCE ASSOCIATIONS (ASSA) ANNUAL MEETING

**January 7 - 9, 2011
Denver, Colorado**

The 2011 winter meeting of the ASSA will be held in Denver, Colorado on January 7 - 9, 2011. Martin D. Smith, Duke University, will serve as Chair of the AERE Program Committee. All submissions are to be sent electronically via e-mail. Only .pdf files will be accepted as electronic format. No submissions will be accepted via fax or postal mail.

Authors wishing to have a paper considered for the AERE sessions should send a .pdf file by e-mail to: marsmith@duke.edu (with "AERE ASSA" in the subject line of the e-mail). Abstracts cannot be jointly considered for inclusion in AERE sessions and in sessions sponsored by other associations at the ASSA meetings (e.g., general AEA sessions).

Files should be sent by the proposed presenter, who will be the contact for correspondence. No more than one submission will be accepted per presenter.

The file must provide the following information according to the following format

- (I) name and institutional affiliation of paper presenter and co-author(s);
- (II) title of paper;
- (III) mailing address and e-mail address of paper presenter;

- (IV) up to six key words;
- (V) JEL codes;
- (VI) long abstract of the paper containing no more than 1,000 words, along with a word count;
- (VII) references.

The total file length should be 2 to 3 pages, with a maximum of 3 pages, including all of the required information. Papers submitted without all of the required information will not be considered. Electronic acknowledgements of submissions will be sent to all submitters. The deadline to submit is **April 15, 2010**.

Proposals for complete sessions are also encouraged. Organizers of proposed sessions should submit complete information for EACH of the papers following the above instructions. Papers may be accepted or rejected on an individual basis unless the organizer specifically requests the session be considered only in its entirety.

Please note that all selected presenters must be current AERE members and priority consideration for discussants will be given to current AERE members.

Dr. Martin D. Smith
 Nicholas School of the Environment
 Duke University
 marsmith@duke.edu
 Telephone: 919-613-8028

**SOUTHERN ECONOMIC ASSOCIATION
 (SEA)**

**AERE Sessions at the Southern Economic
 Association (SEA) Meetings**

**November 20 - 22, 2010
 Atlanta, Georgia**

The 2010 Southern Economic Association Conference will be held in Atlanta, Georgia at the Sheraton Hotel on November 20-22 (Sat.-Mon.), 2010:

<http://www.southerneconomic.org>.

Authors wishing to have a paper considered for the AERE sessions should send a .PDF file by e-mail to: whiteheadjc@appstate.edu (With "AERE SEA" in the subject line of the e-mail). Files should be sent by the proposed presenter, who will be the contact for correspondence. The file should contain the following information:

1. Author's (and co-author's) name, address, affiliation, fax number, telephone number, and E-mail address.
2. Title of paper.
3. Abstract of no more than 100 words.
4. JEL codes.

Papers submitted without all the required information will not be considered. Electronic acknowledgements of submissions will be sent to all submitters. The deadline to submit is February 1, 2010. Proposals for complete sessions are also encouraged. Organizers of proposed sessions should submit abstracts for EACH of the papers following the above instructions. Papers may be accepted or rejected on an individual basis unless the organizer specifically requests the session be considered only in its entirety.

Please note that all selected presenters and discussants must be current AERE members.

John C. Whitehead
 Department of Economics
 Appalachian State University
 whiteheadjc@appstate.edu
 Telephone: 828-262-6121

**INTERNATIONAL CONSORTIUM ON
 AGRICULTURE BIOTECHNOLOGY
 RESEARCH (ICABR)**

14TH Annual ICABR

*Bioeconomy Governance: Policy, Environmental
 and Health Regulation, and
 Public Investments in Research*

**June 16 – 18, 2010
 Ravello, Italy**

Organized by the:
 International Consortium on Agricultural Biotechnology
 Research (ICABR)

And the:
 CEIS - University of Rome "Tor Vergata"
 Rutgers University
 University of California, Berkeley
 Harvard University
 University of Hohenheim
 Katholieke Universiteit Leuven
 International Food Policy Research Institute (IFPRI)
 University of Missouri
 University of Saskatchewan
 Wageningen University

The annual conference of the ICABR is one of the most prominent and important international exchanges of information about agricultural biotechnology. As developed and developing nations grapple with

biotechnology issues, the ICABR Conference provides an important venue to ensure that perspectives from around the world are presented and considered. The Consortium provides a serious forum where research, innovation, risks and benefits and public acceptance are viewed from a global perspective. In this setting, participants from developed and developing nations engage in debate on biotechnology issues and exchange research results with one another. In addition, the best of the papers presented at these meetings have become the basis of a series of books which are part of the basic reference works used by scholars studying biotechnology.

We invite authors to submit papers and posters as well as proposals for round table discussions and special sessions for the conference.

www.economia.uniroma2.it/icabr/2010

The following information should be included in the abstract:

- (i) The title of the paper;
- (ii) Name(s) of author(s), Please indicate the presenter
- (iii) Institutional affiliation of all authors;
- (iv) JEL classification codes
- (v) Complete postal and e-mail address of the paper presenter.

The Program Committee will evaluate all submitted abstracts and select a limited number of them for presentation.

IMPORTANT DATES

Deadline for submitting Abstracts: **January 31, 2010**. Authors of accepted abstracts will be notified by **March 15, 2010**. The deadline for the final submission of the accepted papers is **May 15, 2010**. Selected papers of the conference will be published in a special issue of AgBioForum.

NAREA 2010 ANNUAL MEETING

June 13 – 15, 2010
Atlantic City, New Jersey

The Northeast Agricultural and Resource Economics Association (NAREA) will hold its annual meeting in Atlantic City, NJ, June 13 – June 15, 2010. Detailed information is available at <http://www.narea.org/2010/>.

Call for Selected Paper Proposals: Submit an extended abstract of no more than 500 words, plus a 50-word

abstract for publication in the *Agricultural and Resource Economics Review*, through <http://www.narea.org/2010/>. Individuals whose abstracts are selected will be notified no later than March 31, 2010. Final papers must be submitted to the Chair of the Selected Papers Committee no later than May 31, 2010.

Call for Symposium Proposals: Symposium sessions allow members to organize a group of three or four papers on a specific area. Symposiums are submitted in two stages: 1) The session proposal and justification must be submitted by the symposium coordinator. 2) Paper abstracts to be included within each symposium should be submitted individually by each author(s). Symposium abstracts follow the same formatting guidelines and word limitations as Selected Papers.

Submission Deadline: February 1, 2010. See <http://www.narea.org/2010/> for more details. Submission questions can be directed to the paper selection chair, President-Elect Robert J. Johnston (rjohnston@clarku.edu). Questions about web submission can be directed to Jill Caviglia-Harris (jlcaviglia-harris@salisbury.edu). Questions related to conference location can be directed to arrangements coordinator Sanjib Bhuyan (bhuyan@aesop.rutgers.edu).

2010 NAREA WORKSHOP ON ECONOMICS OF LOCAL FOOD MARKETS

June 15 - 16, 2010
Atlantic City, New Jersey

Abstract Deadline: February 1, 2010

The 2010 Workshop on the *Economics of Local Food Markets* will be held at the Trump Plaza Hotel in Atlantic City, New Jersey, immediately following the annual meeting of the Northeastern Agricultural and Resource Economics Association (NAREA). The goal of the workshop is to highlight current research and bring together researchers, extension educators, private sector participants, and policy makers to exchange ideas and develop a common set of priority research and education needs for local food systems. The synthesis of ideas that result from this workshop will be disseminated in a variety of relevant outlets to encourage collaboration on local foods research and extension. The format will include two thematic sessions emphasizing rural and urban local food issues. Each session will begin with a presentation by an invited speaker selected for expertise in practical or theoretical aspects of local food markets.

A special issue of the *Agricultural and Resource Economics Review (ARER)* will be published from workshop papers accepted after an expedited version of the journal's normal peer-review process.

An honorarium of \$500 to \$1000 (depending on funding) will be provided for selected papers upon submission to *ARER*. Authors wishing to have a paper considered for the NAREA workshop should submit an extended abstract to: <http://www.narea.org/2010/>. The file should contain the following information:

Cover page with:

- title of paper;
- name, address and e-mail address of paper presenter;
- name and institutional affiliation of paper presenter and co-author(s);
- up to six key words.

Separate pages with:

- title of paper
- an extended abstract of the paper (three to five pages).

Abstracts submitted without all the required information will not be considered. Electronic acknowledgements of submissions will be sent to all submitters. The deadline to submit is Monday, **February 1, 2010**. Abstracts will be reviewed by the Workshop's selected paper committee. Authors will be notified of the status of their abstract by March 31, 2010. Full papers must be received from notified authors by May 1, 2010 to be included in the Workshop's program. *ARER* must receive papers by July 15, 2010 to be considered for expedited review and to receive the honorarium. Manuscripts accepted for publication can request a waiver of the journal's normal page charges.

Major support for the workshop comes from the USDA Economic Research Service.

For more information contact the NAREA Workshop co-chairs:

Dr. Luanne Lohr, lloh@ers.usda.gov
202-694-5246

Dr. Lori Lynch, llynch@arec.umd.edu
301-405-1264

Dr. Cheryl Brown,
Cheryl.brown@mail.wvu.edu,
304-293-4832 x4464

THE FOURTH WORLD CONGRESS OF ENVIRONMENTAL AND RESOURCE ECONOMISTS

Submission of papers for the Fourth World Congress of Environmental and Resource Economists (WCERE), which will be held in Montreal, June 28 to July 2, 2010, is now open. You are invited to submit theoretical and applied papers in all areas of environmental and natural resource economics for presentation at this major scientific event.

Submissions will be accepted through the conference website, at www.wcere2010.org, *until January 31, 2010*. Notification of the outcome of the peer review process is scheduled for early April 2010. The number of submissions per person is unlimited, but the maximum number of presentations per person will be limited to one. Presenting authors must register for the Congress in order for the paper to be included in the program. The details of the submission procedure can be found on the Congress website.

We would also like to draw your attention to the large number of open special sessions for which it is possible to submit a paper. The sessions are organized by AERE and EAERE members and other experts. Well-motivated proposals for other special sessions can still be submitted. Please consult

<http://www.wcere2010.org/specialsession.html>

for the most recent list and a detailed description of the aim of each special session.

Held every four years since 1998, the WCERE has become the main international event for researchers in the field of environmental and natural resource economics. With the help of your participation, the Fourth WCERE will be just as successful a scientific event as the past three have been. In addition to the many contributed presentations and special sessions, it will feature **Daron Acemoglu** (MIT), **Simon Levin** (Princeton), **Richard Schmalensee** (MIT) and **Jean Tirole** (Toulouse) as our four distinguished keynote speakers.

For more detailed information on all aspects of the conference, please visit the Congress website at www.wcere2010.org.

We look forward to welcoming you in Montreal.

Gérard Gaudet, Université de Montréal
Pierre Lasserre, Université du Québec à Montréal
Sjak Smulders, Tilburg University
Co-chairs of the Scientific Committee

**UK NETWORK OF ENVIRONMENTAL
ECONOMISTS (UKNEE)**

**envecon 2010: Applied Environmental
Economics Conference
March 12, 2010
The Royal Society in London.**

Now in its 8th year, this one-day conference will bring together environmental economists from public and private sectors, academia and consultancy to share results of recent research and to discuss issues relevant to the practical application of environmental economics in the UK, Europe and elsewhere. By creating a mutual platform for those who commission work and those who undertake it, the conference aims to contribute to the effective use of environmental economics for environmental policy and management, as well as influence the research agenda.

Call for Papers

While this call presents some priorities we have identified, the conference is open to all papers demonstrating how environmental economics is applied in practice.

We would like the final agenda to include papers on the **Tools of Environmental Economics**:

- A. Economic valuation
- B. Economic appraisal
- C. Economic instruments

Themes A – C can be in any sector so long as they show how these tools are applied in practice. Some **Economic Sectors** have been more of a focus for greening the economy and examples of how environmental economics is used in this process will be interesting. These sectors include the following – however, we will consider papers about other sectors as well:

- D. Energy and climate change policy
- E. Water management
- F. Waste management
- G. Transportation
- H. Agriculture and forestry
- I. Marine-based sectors

There are some **Emerging Topics** of both theoretical and practical interest which we would like the conference to cover, including, but not limited to:

- J. Using ecosystem services approach in practice
- K. Private sector involvement – remodelling business
- L. Behavioural economics including a better understanding of human behaviour under risk and uncertainty

- All Papers should display academic rigour and show evidence of practical application. We are interested in showcasing papers that have policy relevance and have been used in decision-making by the public and/or private sectors. Papers do not have to be unique applications of new theory; evidence-based policy benefits from repeated applications.
- Abstracts should cover two sides of A4, in 12 point font, double spaced. They should convey information on the economic theory tested; context of the practical application (actual and/or potential); and theoretical and/or empirical results.
- Please ensure that your abstract indicates which theme(s) your paper falls into and the author for correspondence.
- Submission deadline: **January 5, 2010**, to uknee@eftec.co.uk.
- Papers for presentation will be selected by the Scientific Committee.

AERE NEWSLETTER

The AERE Newsletter is soliciting essays about natural resource and environmental economics issues of general interest to the membership. These essays can be relatively short (6-10 double spaced pages) and address a topic that does not fit into the traditional journal outlet. There is currently no backlog, so your essay would likely be published in the following AERE Newsletter. Marilyn Voigt and I need your essay in March for the May issue and September for the November issue. If you wish to float an idea by me, feel free to contact me.

John Loomis
AERE Newsletter Co-Editor
jloomis@lamar.colostate.edu
Telephone: 970-491-2485

CONFERENCES, MEETINGS, AND WORKSHOPS

ALLIED SOCIAL SCIENCE ASSOCIATIONS (ASSA)

January 3-5, 2010
Hilton Atlanta
Atlanta, Georgia

A. Environmental Health

January 5, 8:00 AM, Hilton Atlanta, Room 211

Moderator: Maureen Cropper (University of Maryland and Resources for the Future); cropper@econ.umd.edu

A.1. Jay Shimshack (Tulane University);
jshimsha@tulane.edu

“Air Pollution and Children's Health: A Cohort Analysis”

Co-authors: Timothy Beatty (University of York)

Discussant: Spencer Banzhaf (Georgia State University);
prchsb@langate.gsu.edu

A.2. Reed Walker (Columbia University);
rw2157@columbia.edu

“The Effect of Airports on Air Quality and Respiratory Problems”

Co-authors: Wolfram Schlenker (Columbia University);

Discussant: Ryan Kellogg (University of Michigan);
kelloggrk@gmail.com

A.3. Subhrendu Pattanayak (Duke University);
subhrendu.pattanayak@duke.edu

“Deforestation, Development and Disease: Evidence from Quantile Panel Models”

Co-authors: Simone C. Bauch (North Carolina State University); Erin O. Sills (North Carolina State University); Katharine R. E. Sims (Amherst College);
ksims@amherst.edu

A.4. Lori Snyder Benneer (Duke University);
lori.benneer@duke.edu

“Bright Lines, Risk Beliefs, and Risk Avoidance: Evidence from a Randomized Experiment in Bangladesh”

Co-authors: Soumy Balasubramanya (Duke University); Alex Pfaff (Duke University); Allesandro Tarozzi (Duke University);
Discussant: Mushfiq Mobarak (Yale University);
ahmed.mobarak@yale.edu

B. Designing the Post-Kyoto International Climate Policy Architecture (roundtable)

January 4, 10:15 AM, Hilton Atlanta, Room 211

*Moderator: Robert Stavins (Harvard University);
robert_stavins@harvard.edu*

Panelists:

Jeffrey Frankel (Harvard University)

Larry Karp (University of California, Berkeley)

Richard Newell (Energy Information Administration)

Eric Posner (University of Chicago)

Kenneth Richards (Indiana University)

E. Somanathan (Indian Statistical Institute)

C. Land and Water Use

January 4, 8:00 AM, Hilton Atlanta, Room 211

*Moderator: Sarah Jacobson (Georgia State University);
ecosajx@langate.gsu.edu*

C.1. Sarah Jacobson (Georgia State University);
ecosajx@langate.gsu.edu

“The Effects of CRP Participation on Later Land Use”

Co-author(s): none

Discussant: John Horowitz (University of Maryland);
jhorowitz@arec.umd.edu

C.2. Katrina Mullan (North Carolina State University);
klmullan@ncsu.edu

“Participation on Payments for Ecosystem Services Programmes in Developing Countries: The Chinese Sloping Land Conversion Programme”

Co-author: Andreas Kontoleon (University of Cambridge)

Discussant: Jintao Xu (Peking University);
xujt@pku.edu.cn

C.3. Nathaniel Higgins (University of Maryland);
nhiggins@arec.umd.edu

“An Empirical Analysis of a ‘Smart Subsidy’”

Co-authors: Lori Lynch (University of Maryland)

Discussant: Antonio Bento (Cornell University);
amb396@cornell.edu

C.4. Yusuke Kuwayama (University of Illinois at Urbana-Champaign);
ykuwaya2@illinois.edu

“Accounting for Instream Flow Impacts of Agricultural Water Use”

Co-authors: Nicholas Brozovic (University of Illinois at Urbana-Champaign)

Discussant: Juan Robalin (Central America Tropical Agricultural Research and Higher Education Center [CATIE]); robalino@catie.ac.cr

D. Sustainability and Natural Resources

January 3, 8:00 AM, Hilton Atlanta, Room 211

Moderator: Y. Hossein Farzin (University of California – Davis); farzin@primal.ucdavis.edu

D.1. Junjie Zhang (University of California – San Diego); junjiezhang@ucsd.edu

“An Econometric Analysis of the Clean Development Mechanism and Sustainable Development”

Co-authors: none

Discussant: Bruce Mizrach (Rutgers University); mizrach@econ.rutgers.edu

D.2. Erin Sills (North Carolina State University); erin_sills@ncsu.edu

“Community-Based Conservation After External Funding Ends: The Role of Social Networks in Sustaining or Dissipating Impacts”

Co-authors: Subhrendu Pattanayak (Duke University); Simone C. Bauch (North Carolina State University)

Discussant: Paul Ferraro (Georgia State University); prcpjf@langate.gsu.edu

D.3. Quinn Weninger (Iowa State University); weninger@iastate.edu

“Multiple-Species Fishing Across Time and Space”

Co-authors: Luc Veysiere (Iowa State University)

Discussant: Kurt Schnier (Georgia State University); kschnier@gsu.edu

D.4. Kathy Baylis (University of Illinois); baylis@illinois.edu

“Bridging vs. Bonding Social Capital and the Management of the Firewood Commons”

Co-authors: Yazhen Gong (University of British Columbia); Shun Wang (University of British Columbia)

Discussant: Michael Bennett (Peking University); michaeltbennett@earthlink.com

E. Pollution Control

January 5, 1:00 P.M., Hilton Atlanta, Room 211

Moderator: Sarah Stafford (College of William and Mary); slstaf@wm.edu

E.1. Richard Morgenstern (Resources for the Future [RFF]); morgenstern@rff.org

“Evaluating Voluntary Climate Programs in the United States”

Co-authors: William Pizer (U.S. Treasury Department); Jhih-Shyang Shih (Resources for the Future [RFF])

Discussant: Lori Snyder Benneer (Duke University); lori.benneer@duke.edu

E.2. Thomas Lyon (University of Michigan); tplyon@umich.edu

“Does Disclosure Reduce Pollution? Evidence from India’s Green Rating Project”

Co-authors: Allen Blackman (Resources for the Future [RFF]); Nicholas Powers (University of Michigan); Urvashi Narain (World Bank)

Discussant: David Weil (Boston University); David_Weil@hks.harvard.edu

E.3. Ulrich Wagner (Universidad Carlos III de Madrid, CEP/LSE); uwagner@eco.uc3m.es

“Climate Change Policies and Management Practices”

Co-authors: Ralf Martin (London School of Economics [LSE]); Laure de Preux (University of York); Mirabelle Mûuls (Imperial College)

Discussant: Wayne Gray (Clark University); WGray@clarku.edu

E.4. Takehiro Usui (Soka University); usui@soka.ac.jp

“Estimating the Sustainability of Unit-Based Pricing Using Panel Data”

Co-authors: none

Discussant: Thomas Kinnaman (Bucknell University); Kinnaman@bucknell.edu

F. Fuels

January 4, 2:30 p.m., Hilton Atlanta, Room 211

Moderator: Meredith Fowlie (University of Michigan); mfowlie@umich.edu

F.1. Maximilian Auffhammer (University of California at Berkeley); auffhammer@berkeley.edu

“Clearing the Air? The Effects of Gasoline Content Regulation on Air Quality”

Co-authors: Ryan Kellogg (University of Michigan)

Discussant: Matt Neidell (Columbia University); mn2191@columbia.edu

F.2. Celine Nauges (Toulouse School of Economics); celine.nauges@toulouse.inra.fr

“Gasoline Content Regulation and Compliance Behavior among US Refineries”

Co-authors: Ujjayant Chakravorty (University of Calgary)

Discussant: Catherine Wolfram (University of California at Berkeley); wolfram@haas.berkeley.edu

F.3. Xiaoguang Chen (University of Illinois); xchen29@illinois.edu

“The Economics Potential of Second-Generation Biofuels: Implications for Social Welfare, Land Use, and Greenhouse Gas Emissions in Illinois”
Co-authors: Madhu Khanna (University of Illinois); Hayri Onal (University of Illinois)
Discussant: Catherine Kling (Iowa State University); ckling@iastate.edu

F.4. Barrett Kirwan (University of Maryland); bkirwan@arec.umd.edu
“Good for the Air, Bad for the Water: The Effect of Ethanol Production on Water Pollution”
Co-authors: Stacy Sneeringer (Wellesley College)
Discussant: Michael Roberts (North Carolina State University); michael_roberts@ncsu.edu

G. Transportation

January 3, 2:30 p.m., Hilton Atlanta, Room 211

Moderator: Ian Parry (Resources for the Future); parry@rff.org

G.1. Garth Heutel (Harvard University); heutel@fas.harvard.edu
“Learning, Externalities, and Hybrid Vehicle Adoption”
Co-authors: Erich Muehlegger (Harvard University)
Discussant: James Saltee (University of Chicago); saltee@uchicago.edu

G.2. Lihong McPhail (Iowa State University); lihonglu@iastate.edu
“Valuing RINs Under Uncertainty”
Co-authors: Bruce Bacock (Iowa State University)
Discussant: James Bushnell (University of California at Berkeley); bushnell@haas.berkeley.edu

G.3. Antonio Bento (Cornell University); amb396@cornell.edu
“Unintended Consequences of Allowing Solo Hybrid Drivers into HOV Lanes”
Co-authors: Kevin Roth (Cornell University); Daniel Kaffine (Colorado School of Mines)
Discussant: Ryan Kellogg (University of Michigan); kelloggr@umich.edu

G.4. Jonathan Hughes (University of California at Davis and University of Colorado at Boulder); jehughes@ucdavis.edu
“Low Carbon Fuel Standards and Carbon Caps with Capacity Constraints: Running Out of Gas?”
Co-authors: Stephen Holland (University of North Carolina at Greensboro and NBER); Christopher Knittel (University of California at Davis and NBER)
Discussant: Mark Jacobsen (University of California at San Diego); m3jacobs@ucsd.edu

H. Valuation Methods

January 5, 10:15 a.m., Hilton Atlanta, Room 211

Moderator: Richard Carson (University of California – San Diego); rcarson@weber.ucsd.edu

H.1. Yohei Mitani (University of Colorado at Boulder); mitani@colorado.edu
“Public Goods Referenda without Perfectly Correlated Prices and Quantities”
Co-authors: Nicholas E. Flores (University of Colorado at Boulder)
Discussant: Mike McKee, Appalachian State University, mckeejm@appstate.edu

H.2. Kevin Egan (University of Toledo); kevin.egan@utoledo.edu
“Comparing Welfare Values from Revealed Preferences and Stated Preference Methods: Investigating the Role of Time and the Identification of Individual Discount Rates”
Co-authors: none
Discussant: D. Matthew Massey (EPA National Center for Environmental Economics); Massey.Matt@epamail.epa.gov

H.3. Subhra Bhattacharjee (Iowa State University); subhra@iastate.edu
“Modeling Recreation Demand with Panel Data: A Comparative Study of Welfare Estimates using Discrete Choice and Kuhn-Tucker Models”
Co-authors: Catherine L. Kling (Iowa State University); Joseph A. Herriges (Iowa State University)
Discussant: Roger von Haefen (North Carolina State University); rhhaefen@ncsu.edu

H.4. Sonia Akter (Australian National University); sonia.akter@anu.edu.au
“Empirical Testing of an Extended Non-Expected Utility Model: An Application to Climate Change Mitigation in Australia”
Co-authors: Jeff Bennett (Australian National University)
Discussant: Trudy Ann Cameron (University of Oregon); cameron@uoregon.edu

Joint Session

AERE and the American Economic Association (AEA)

Combining Environmental and Development Goals: Strategies for Moving Forward

Format: The session will be a panel/roundtable discussion. Each participant will be allotted 10-15 minutes for commentary, followed by open discussion with the audience.

Organizer: Kathleen Segerson, University of Connecticut

Moderator: Kathleen Segerson, University of Connecticut

Panel Participants:

Ariel Dinar, University of California at Riverside
Paul Ferraro, Georgia State University
Charles Perrings, Arizona State University
Ma Zhong, Renmin University, China
David Zilberman, University of California at Berkeley

Session Overview: Many of the world's most pressing environmental problems involve developing countries, either as potential drivers of change or as victims of the environmental consequences of activities undertaken in developed countries. For example, the United Nations Millennium Ecosystem Assessment (MEA) highlights the impact that direct drivers of change in developing (as well as developed) countries have had on the provision of ecosystem services. These drivers include changes in local land use, species introduction or elimination, technology adoption, use of inputs (e.g., fertilizers, pesticides, water), and harvest and resource consumption. Similarly, future consumption patterns (e.g., relating to automobile use) in countries such as China and India will have a major impact on future climate change scenarios. Although the contributions of developing countries to local and global environmental conditions is an important concern, equally important is the impact of these conditions on the populations in these countries. For example, many of the impacts of climate change, such as sea level rise and increased desertification, are likely to be most severe in developing countries. The MEA concludes that ecosystem degradation has caused significant harm to some people, particularly the poor in developing countries, and that continued degradation is a barrier to meeting the UN's Millennium Development Goals.

While developing countries play a key role as both drivers and victims of environmental degradation, environmental protection is not the only, and often not the primary, concern within these countries. In these countries, behaviors that affect the local or global environment often stem from individual or public efforts to increase incomes and reduce poverty in these countries. For example, land clearing that converts forested land into agricultural land is generally driven by a desire to increase the direct, short-run economic returns from the land. Similar considerations drive decisions at the macro level. For example, developing countries such as China and India are reluctant to enter international agreements and take steps to curb emissions of greenhouse gases for fear of negative impacts on economic growth. Given the development goals of these countries, it appears that policies designed to promote environmental protection will only be successful if they simultaneously address the need for economic development and poverty reduction.

While there is a large literature within economics on whether a tradeoff between environmental protection and economic development exists (the "Environmental Kuznets curve" debate), this literature simply assesses historical relationships. In contrast, there is a growing interest in proactively designing policies that have the potential to simultaneously promote environmental and development goals. One example is the payment for ecosystem services (PES). Increasingly, countries are experimenting with this as a policy tool. Another example is the Clean Development Mechanism, under which developed countries effectively pay for developing countries to undertake projects to reduce GHG emissions, or the recycling of carbon tax (or cap and trade) revenues to promote development. A key question is how effective these and similar policies have been or are likely to be.

The purpose of this session is to highlight and discuss what is currently known about strategies or policies designed to simultaneously promote development and environmental protection. It will bring together economists with expertise that spans a wide range of both geographical regions (e.g., Asia, Latin America, Africa) and specific environmental problems. Panelists will be asked to consider both theoretical and practical advantages and disadvantages of various policy options, and to identify those that appear most promising. The outcome should be the beginning of a roadmap for moving forward in designing specific strategies for sustainable development.

**INTERNATIONAL ASSOCIATION FOR
IMPACT ASSESSMENT (IAIA)**

**30th Annual Meeting
April 6 - 11, 2010
Geneva, Switzerland**

In order to prepare our global societies to face a transition toward green economies, it is important to conduct assessments that will demonstrate the types of green investments that best fit local, national, and regional environments. Impact assessments have the power to influence and shape green policy development, which will in turn play a major role in addressing the global crises.

Global economic growth over the past 50 years has been accompanied by accelerated environmental decline. From 1981 to 2005, global GDP has more than doubled. In contrast, 60% of the world's ecosystems are now considered degraded or are being exploited in an unsustainable manner.

Meanwhile, the global economy is in a multi-dimensional crisis. The financial crisis has been driving much of the developed world into recession, affecting businesses and jobs around the world. The fuel crisis, reflected in wildly fluctuating prices, is threatening the reliability and security of energy supply, and climate change is aggravating these challenges and the achievement of Millennium Development Goals.

The objective of IAIA10 is to take advantage of the opportunity to provide policymakers with materials to help address the global crises. IAIA10 will focus on the following sectors that have the potential for sustainable green investment:

Agriculture
Industry
Cities
Tourism
Transport
IAIA Section Specific

For registration information: <http://www.iaia.org/iaia10/>

**SOCIETY FOR CONSERVATION
BIOLOGY**

**24th International Congress for
Conservation Biology
July 3-7, 2010
Edmonton, Alberta, Canada**

The Social Science Working Group (SSWG) of the Society for Conservation Biology invites those of you interested in species and ecosystem conservation to participate in the 24th International Congress for Conservation Biology (ICCB), the 2010 meeting of the Society for Conservation Biology (SCB). SCB is an international professional organization with more than 10,000 members around the globe (see www.conbio.org for more information).

The meeting is being held in Edmonton, Alberta, Canada (near the beautiful Canadian Rockies) on July 3-7, 2010. The theme of the meeting is "onservation for a Changing Planet." of the focus on environmental change, the meeting will highlight the importance of multidisciplinary and interdisciplinary approaches to conservation.

The call for proposals for symposia, workshops, discussion groups, and short courses is now closed. The call for individual abstracts (for oral or poster presentations) has a **January 20th** deadline. Contributions from all fields of conservation research and practice are welcome, including natural sciences, social sciences, and humanities.

The SCB's Social Science Working Group (SSWG) is making particular efforts to encourage social scientists to consider this invitation, in the hopes of widening SCB's international network of social and policy researchers who are doing work in applied conservation. SSWG is a global community of conservation professionals interested in the application of social science to the conservation of biological diversity. With nearly 700 members in 65 countries, SSWG is home to social scientists (anthropologists, economists, historians, human geographers, political scientists, psychologists, sociologists, and many others), ethicists, natural scientists, and conservation practitioners (governmental, nongovernmental, and business sectors).

Since 2005, SSWG has worked closely with the SCB annual meeting organizing committees to stimulate social science contributions for the meetings. In each year since then, the prevalence of social science and integrative conservation, reflecting the marriage of social and natural science, has increased significantly. We hope to continue that trend in Edmonton, with strong social science and integrative contributions that will promote collaborations between social and natural scientists interested in conservation issues that transcend location- or case-specific application.

As we head into 2010, SSWG is especially trying to engage conservation scientists (natural and social) in the questions raised by the recent paper "One Hundred Questions of Importance to the Conservation of Global Biological Diversity" (Sutherland et al. 2009, *Conservation Biology* vol. 23, no. 3, pp. 557-567). This paper is an attempt to identify questions of critical importance to the future of conservation practice and policy, and we are particularly interested in researchers and practitioners who are themselves interested in engaging these questions.

Additional information on the meeting, including links to instructions for submitting proposals, is available here: www.conbio.org/2010

If you have questions concerning the meeting, please contact Rich Wallace, SSWG vice president and program committee chair, at rwallace@ursinus.edu.

To learn more about the SCB Social Science Working Group, please visit <http://www.conbio.org/workinggroups/sswg/>

**THE SECOND ANNUAL MEETING OF
THE SOCIETY FOR ENVIRONMENTAL
LAW AND ECONOMICS**

**March 26 and 27, 2010
Emory University School of Law
Atlanta, Georgia**

The second annual meeting of the Society for Environmental Law and Economics will be held on March 26 and 27, 2010, at the Emory University School of Law in Atlanta, Georgia. It is being co-sponsored by Emory University School of Law and by the University of Sydney Law School.

Overview:

We hope to build upon the great success of our first meeting last year, and continue to build a community of environmental scholars interested in working in the intersection of law, economics, and environmental or natural resource issues. We had a fantastic inaugural meeting in Vancouver last year of lawyers, economists and other environmental policy scholars, and aim to maintain the great spirit of exchange and collegiality achieved in that meeting.

In the spirit of collegiality, the meeting will take place in a workshop format, in which all sessions will be plenary. We encourage all attendees to try to stay for as much of the workshop as possible, though of course we understand that travel constraints often make this difficult. Our goal is to create a program that includes a variety of disciplinary perspectives, ideally consisting of 20-30 papers over the two-day period. Further announcements will be forthcoming regarding housing arrangements.

There will not be funding available for travel or lodging expenses, but Emory University and the University of Sydney will provide for food and drink during the workshop.

**Daniel H. Cole
R. Bruce Townsend Professor of Law
Indiana University School of Law**

**Shi-Ling Hsu
Associate Dean for Special Projects
University of British Columbia Faculty of Law**

**Richard O. Zerbe
Daniel J. Evans Distinguished Professor of Public
Policy, Evans School of Public Affairs
University of Washington**

**Rosemary Lyster and Celeste M. Black
Australian Centre for Climate and
Environmental Law
University of Sydney Law School**

**Jonathan R. Nash
Professor of Law
Emory University School of Law**

**SOUTHERN ECONOMIC ASSOCIATION
(SEA)**

**79th Annual Meetings
November 21-23, 2009
Marriott San Antonio Rivercenter
San Antonio, Texas**

AERE Sessions

Session 1: Climate Change Issues

Session Chair: Christopher F. Dumas
University of North Carolina Wilmington

Paper 1:

"Using Financial Market Instruments to Mitigate Climate Change Costs along the Coasts: Challenges and Opportunities for Local Governments"

Christopher F. Dumas, University of North Carolina Wilmington

Robert T. Burrus, Jr., University of North Carolina Wilmington

J. E. Graham, University of North Carolina Wilmington

Navine Richie, University of North Carolina Wilmington

Paper 2:

"The Role of Financial Institutions in Capitalizing Carbon Markets for Africa: The Clean Development Mechanism (CDM)"

Patrick Karani, Development Bank of Southern Africa
Frederick Ahwireng-Obeng, University of Witwatersrand

Paper 3:

"Small Hydropower's Potential in the Fight Against Global Warming: A Benefit-Cost Analysis"

Lea Kosnik, University of Missouri - St. Louis

Paper 4:

"The role of the clean development mechanism in a post Kyoto climate agreement: effective participation by China and India"

Ian Partridge, The University of Texas at Austin

Shama Gamkhar, The University of Texas at Austin

Discussants:

Ian Partridge, The University of Texas at Austin

Lea Kosnik, University of Missouri - St. Louis

Kristine Grimsrud, University of New Mexico

Robert Burrus, Jr., University of North Carolina Wilmington

Session 2: Environmental Enforcement and Compliance

Session Chair: Sarah L. Stafford
The College of William and Mary

Paper 1:

"Comparing Compliance Assistance to Traditional Enforcement: Which is Better for the Environment?"

Sarah L. Stafford, The College of William and Mary

Paper 2:

"Environmental compliance under targeted enforcement with limited inspection capacity"

Scott Gilpatric, The University of Tennessee

Lirong Liu, Sam Houston State University

Mike McKee, Appalachian State University

Christian A. Vossler, The University of Tennessee

Paper 3:

"Anti-SLAPP legislation and Citizen Enforcement: Measuring the "Chill" of Strategic Lawsuits"

Catherine S. Norman, Johns Hopkins University

Bevin Ashenmiller, Occidental College

Discussants:

Scott Gilpatric, The University of Tennessee

Catherine Norman, Johns Hopkins University

Sarah Stafford, The College of William and Mary

Session 3: Regulatory Mechanism Design

Session Chair: Evangelina Dardati
The University of Texas at Austin

Paper 1:

"Firms Dynamics and the Design of a Pollution Permit System"

Evangelina Dardati, The University of Texas at Austin

Paper 2:

"Regulation of nitrogen fertilizers and the demand for nutrient load permits to the Baltic Sea"
Dennis Collentine, University of Gavle
Holger Johnsson, Swedish University of Agricultural Sciences

Paper 3:

"Cars, Air Pollution and Low Emission Zones in Europe"
Lisa Perry, University of Washington
Hendrik Wolff, University of Washington

Paper 4:

"Analyzing Transaction Costs in Designing Payments for Environmental Services in Asia"
Florence Ivy M. Santos, University of Georgia

Discussants:

Lisa Perry, University of Washington
Aliya Sassi, University of New Hampshire
Sarah Scott, The University of Texas at Dallas
Meryem Tekin, The University of Texas at Austin

Session 4: International and Ethical Issues

Session Chair: John R. Crooker
University of Central Missouri

Paper 1:

"The Sensitivity of Environmental Contributions to Religiosity Characteristics"
John R. Crooker, University of Central Missouri
Paul E. Chambers, University of Central Missouri

Paper 2:

"The Environmental Effect of Foreign Firms on Host Countries"
Evangelina Dardati, The University of Texas at Austin
Meryem Tekin, The University of Texas at Austin

Paper 3:

"Empirical Taxonomy of Environmental Ethical Archetypes"
Kristine M Grimsrud, University of New Mexico
Philip Wandschneider, Washington State University

Paper 4:

"Environmental Aid, Stochastic Emissions and Rational Learning"
Paul E. Chambers, University of Central Missouri
John R. Crooker, University of Central Missouri

Discussants:

Evangelina Dardati, The University of Texas at Austin
Takehiro Usui, Soka University
John Crooker, University of Central Missouri
Catherine Chambers, University of Central Missouri

Session 5: Waste and Waste Cleanup

Session Chair: Christopher Azevedo, University of Central Missouri

Paper 1:

"Partial Sampling and Bootstrap: An Alternative to Benefits Transfer"
Christopher Azevedo, University of Central Missouri
John R. Crooker, University of Central Missouri
Catherine M. Chambers, University of Central Missouri

Paper 2:

"Solid Waste Management and Pay-as-You-Throw Policy in New Hampshire: Spatial Analysis"
Aliya Sassi, University of New Hampshire
John Halstead, University of New Hampshire
Ju-Chin Huang, University of New Hampshire

Paper 3:

"Voluntary Cleanup Program Determinants and Threshold Effects on Property Values: The Case of Dallas"
Sarah P. Scott, The University of Texas at Dallas
Judy Mays, The University of Texas at Dallas

Paper 4:

"Does a Rebound Effect Exist in Solid Waste Management? Panel Data Analysis of Unit-Based Pricing"
Takehiro Usui, Faculty of Economics, Soka University

Discussants:

Christopher Dumas, University of North Carolina Wilmington
Christopher Azevedo, University of Central Missouri
Paul Chambers, University of Central Missouri
Lirong Liu, Sam Houston State University

Session 6: Agriculture and Land Use

Session Chair: John C. Whitehead, Appalachian State University

Paper 1:

"Harvesting Corn Stover and Crop Residue Management: The Impact of Conflicting Economic Incentives"

Lyubov Kurkalova, North Carolina A&T State University

Silvia Secchi, Southern Illinois University

Philip W. Gassman, Iowa State University

Paper 2:

"Does 'Down-zoning' Impact Rural Land Values? A Propensity Score Matching Approach"

Lori Lynch, University of Maryland

Xiangping Liu, North Carolina State University

Paper 3:

"Payments for the Ecosystem Services in Tropical Forests Analysis of Competing Land Use Values within Thin Markets"

Jill L. Caviglia-Harris, Salisbury University

Erin Sills, North Carolina State University

Paper 4:

"Estimating Bid Inflation in Procurement of Environmental Services"

Will Holmes, Georgia State University

Discussants:

Xiangping Liu, North Carolina State University

Will Holmes, Georgia State University

Lyubov Kurkalova, North Carolina A&T State University

Jill Caviglia-Harris, Salisbury University

Session 7: Coastal Management

Session Chair: George R. Parsons
University of Delaware

Paper 1:

"The Impacts of Fuel Prices on Beach Recreation and Sport Fishing—Do Our Models Work?"

Christopher F. Dumas, University of North Carolina Wilmington

John C. Whitehead, Appalachian State University

Okmyung Bin, East Carolina University

Craig E. Landry, East Carolina University

Paper 2:

"Policy Intervention, Evolving Entitlements, and Hedonic Prices: A Quasi-Experimental Analysis of the Effect of Setback Provisions on Coastal Housing Markets"

Craig E. Landry, East Carolina University

Okmyung Bin, East Carolina University

Paper 3:

"Estimating a Payment Vehicle for Financing Nourishment of Residential Beaches using a Spatial-error Hedonic Property Price Model"

Ash Morgan, Appalachian State University

Stuart Hamilton, The College of William and Mary

Paper 4:

"Weathering the Storm: Measuring Individuals Willingness-to-Pay to Protect New Orleans Post-Katrina"

Craig E. Landry, East Carolina University

Paul R. Hindsley, Eckerd College

Okmyung Bin, East Carolina University

Jamie Brown Kruse, East Carolina University

John C. Whitehead, Appalachian State University

Kenneth Wilson, East Carolina University

Discussants:

Paul Hindsley, Eckerd College

Matthew Freeman, University of Rhode Island

Okmyung Bin, East Carolina University

Ash Morgan, Appalachian State University

Session 8: Fish and Forests

Session Chair: Lynne Lewis
Bates College

Paper 1:

"Experiments in the Lobbying Activity of Fishers with Heterogeneous Preferences"

Matthew A. Freeman, University of Rhode Island
Christopher M. Anderson, University of Rhode Island

Paper 2:

"Combining Discrete and Continuous Representations of Preference Heterogeneity: A Latent Class Approach"

Angel Bujosa Bestard, Center for Economic Research
Antoni Riera Font, Center for Economic Research
Robert L. Hicks, College of William and Mary

Paper 3:

"Labor Supply of Fishermen: An Empirical Analysis"

Tess Stafford, The University of Texas

Paper 4:

"A Comparison of Single Trip, Multiple Trip and Jointly Estimated Revealed and Stated Preference Multiple Trip Recreation Demand Models"

Christopher F. Dumas, University of North Carolina
Wilmington
Craig E. Landry, East Carolina University
John C. Whitehead, Appalachian State University

Discussants:

*Lynne Lewis, Bates College
John Whitehead, Appalachian State University
Robert Hicks, College of William and Mary
George Parsons, University of Delaware*

Session 9: Stated Preference Methods

Session Chair: Glenn C. Blomquist
University of Kentucky

Paper 1:

"Estimating Consumer Preferences for Electric Vehicles Using a Choice Menu Design"

George R. Parsons, University of Delaware
Michael K. Hidrue, University of Delaware

Paper 2:

"Estimating the Social Value of Higher Education: Willingness to Pay for Community and Technical Colleges"

Glenn C. Blomquist, University of Kentucky
Paul A. Coomes, University of Louisville
Christopher Jepsen, University of Kentucky
Brandon C. Koford, Valdosta State University
Kenneth R. Troske, University of Kentucky

Paper 3:

"Strategic Voting and Consequentiality in Choice Experiments"

Maurice Doyon, Laval University
Daniel Rondeau, University of Victoria
Frederic Roy-Vigneault, Laval University
Christian A. Vossler, The University of Tennessee

Paper 4:

"Willingness to Pay to Maintain Water Utility Infrastructure"

Jennifer A. Thacher, University of New Mexico
Jason Hansen, University of New Mexico
Megan Marsee, University of New Mexico
Heidi Pitts, University of New Mexico
Janie M. Chermak, University of New Mexico

Discussants:

*Jennifer Thacher, University of New Mexico
Christian Vossler, The University of Tennessee
Christopher Dumas, University of North Carolina
Wilmington
Glenn Blomquist, University of Kentucky*

<p>SETAC ASIA/PACIFIC JOINT CONFERENCE</p>

***1st International Conference on Environmental,
Pollution, Restoration, and Management***

**Ho Chi Minh City, Vietnam
March 1-5, 2010**

Conference Theme

***Improving Environmental Quality in Developing
Countries***

This conference follows the 1st VN-US workshop on Ecosystem Assessment, Management, and Restoration which was held in Hanoi in 2004. The goal of this conference is to bring environmental scientists from the developed and developing countries together to exchange experiences and to discuss existing environmental issues. During the conference, an interactive meeting is scheduled for environmental scientists and managers to engage one another and discuss issues and solutions to environmental problems. This conference is designed to initiate and to further strengthen ongoing collaborations between environmental scientists from all over the world.

Preceding the conference will be a two-day training workshop on “Ecological and human health risk assessments” and “Development of environmental guidelines” (March 1 -2). This workshop is designed to train and educate environmental regulators and scientists from developing countries on how to conduct risk assessments and to develop environmental quality criteria. Workshop trainers will be experts from developed countries.

Registration information:

https://vniceporm.com/Home_Page.php

ESSAY

Using Time Use Data to Examine Outdoor Recreation From 1965 To 2007

Juha Siikamäki
Resources for the Future

Introduction

This essay summarizes a recent study examining the use of time for outdoor recreation between 1965 and 2007 in the United States (Siikamäki 2009). Using data on over 47,000 individuals from six nationally representative time-use surveys conducted between 1965 and 2007, the study concentrated on addressing the following questions: How much time did Americans spend on outdoor recreation between 1965 and 2007? What were the trends of time use across different demographic groups? To what extent are time use trends explained by changes in demographics and the amount of leisure, versus some other factors such as the general popularity of outdoor recreation? In addition to providing potentially interesting findings regarding the status of outdoor recreation over time, the study describes available historical and present time use data in the United States, which may be of more general interest to environmental economists.

Examining outdoor recreation is motivated by its general popularity as well as its importance to public policy. For example, public lands management often explicitly seeks to provide the public with access to different forms of outdoor recreation, such as walking, hiking, camping, fishing, or hunting (USFWS 2008). In addition, government at all levels, including federal, state, and local governments, has made and continues to make considerable infrastructure investments to meet different demands from the public for access to outdoor recreation. Outdoor recreation also positively contributes to physical activity and fitness, which have well-recognized public health benefits (U.S. Department of Health and Human Services 2000). The broader significance of outdoor recreation obviously is not limited to the government, but includes its importance to individual citizens, outdoor recreation groups, the conservation community, and outdoor industries.

Trends in outdoor recreation usually are tracked by using measures such as the number of visitors to national and state parks, the number of hunting and fishing licenses sold, and survey-based estimates of participation in different outdoor recreation activities. For example, according to the National Survey of Fishing, Hunting, and Wildlife-Associated Recreation

(USFWS 2002), about 34 million people went angling, 13 million people hunted wildlife, and almost 19 million people took bird-watching trips in 2000. Data from the National Survey on Recreation and Environment, another major recreation survey, suggest that though the popularity of activities such as fishing and hunting has declined, the popularity of other activities, such as bird watching, may be increasing (Cordell 1999; Cordell and Super 2000). Regarding specific outdoor recreation areas, total visitation, for example, to national parks has remained relatively constant over time, leading to steady or slightly declining visitation per capita. Though Pergams and Zaradic (2008) argue that a general decline in the popularity of nature-based recreation is underway, it is unclear to what extent the recent trends in outdoor recreation may be explained by general factors such as changing demographics or leisure rather than profound changes in public's preferences for recreation.¹ One of the goals of the study was to shed light on this issue.

Data

The study uses data from six nationally representative time-use surveys conducted between 1965 and 2007 (Fisher et al. 2006; Bureau of Labor Statistics 2008; Aguiar and Hurst 2007). Each of the surveys was conducted over a long period of time, typically over about a year. The first three surveys were conducted in 1965, 1975, and 1985 by Survey Research at the University of Michigan. The fourth survey was conducted in 1993-1994 by the Survey Research Center at the University of Maryland. The last two surveys were conducted as year-long surveys in 2003 and 2007 as part of the American Time Use Survey (ATUS) by the U.S. Bureau of Labor Statistics. Sample sizes vary considerably by survey. For example, the 1965 survey data comprise 1,241 individuals and the 2003 sample has nearly 20,000 respondents.

Time-use surveys usually collect detailed individual observations of the daily use of time over a 24-hour recall period (Fischer et al. 2006; Bureau of Labor Statistics 2008; Robinson and Godbey 1997). Survey respondents are provided with diaries that allow the

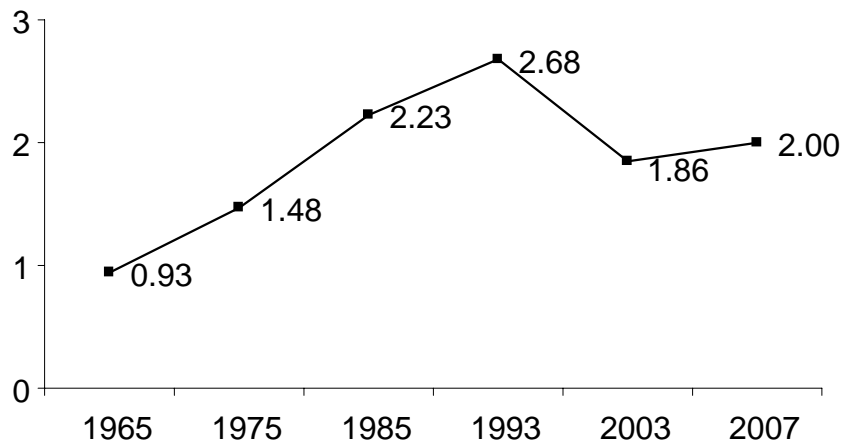
¹ For example, the amount of leisure, as well as its distribution within the general population, has considerably changed in the last half century or so (Aguiar and Hurst 2007).

timing and verbatim descriptions of daily activities to be easily listed. With the help of meticulous coding manuals, individual listings from completed diaries are converted to measures of the amount of time used in meaningfully specified activity categories. Although the general principles of eliciting and categorizing time-use data have remained fairly unchanged over time, surveys from different years are not exactly alike. For example, the level of aggregation of time-use categories varies among surveys, sometimes considerably. Therefore, one of the main challenges in the research described here was to compile a measure of outdoor-related time use that is workable and consistent across data from six different surveys over five decades.

Results

According to the results, the amount of time spent for outdoor recreation and active sports has more than doubled since the 1960s (Figure 1). For example, whereas in 1965 the U.S. adult population spent on average 0.93 hours per week per capita on outdoor recreation and other physically active sports, this statistic had increased to 1.48 hours per week in 1975, then to 2.23 hours per week in 1985, and thereafter to 2.68 hours per week in 1993. In recent years, 2003 and 2007, Americans spent 1.86 and 2.00 hours per week per capita on outdoor recreation, respectively. Given these trends, the amount of time spent for outdoor recreation seems to have peaked in the 1980s and 1990s, followed by a slight downward shift during the last decade.

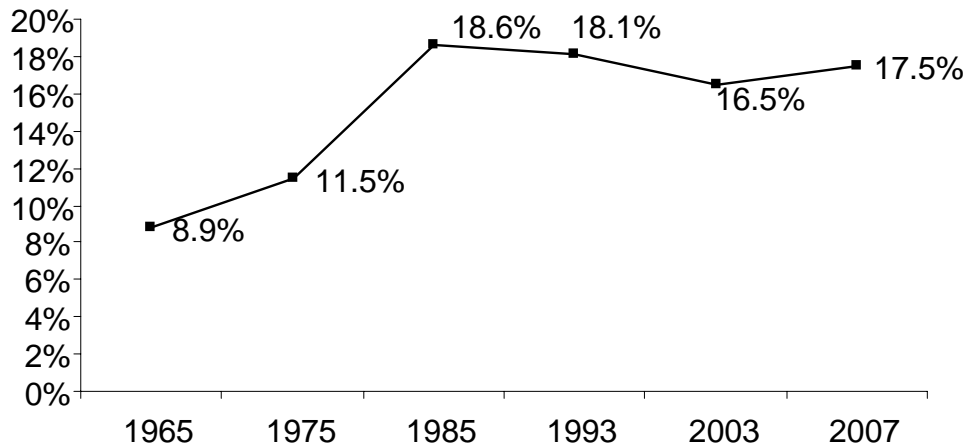
Figure 1: Time Spent in Outdoor Recreation and Active Sports in 1965-2007 (hrs/week/person)



In the long term, increase in time use for outdoor recreation has largely been driven by a greater share of the population participating in recreation. For example, whereas in 1965 only 8.9 percent of the U.S. population

actively participated in outdoor recreation on a given day, the rate of participation has since then roughly doubled to approximately 17–19 percent from 1985 through 2007 (Figure 2).

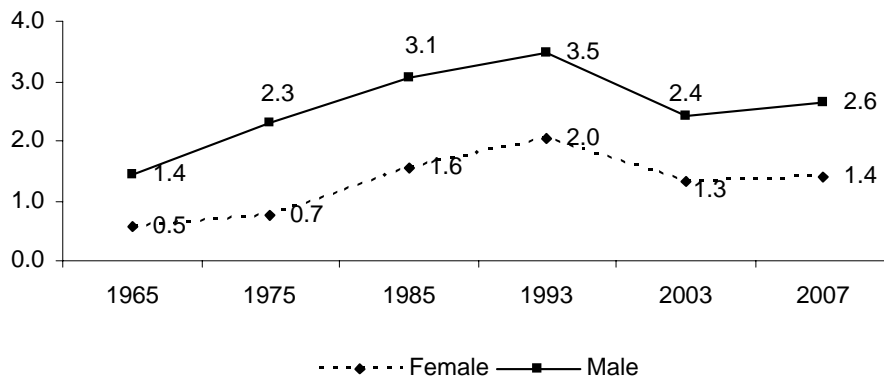
Figure 2: Daily Participants as a Percentage of Total Population



Gender differences in the use of time for outdoor recreation are salient and persistent over time. Compared to women, men use considerably more time per person in outdoor recreation (Figure 3). The participation rate of men is nearly one and a half times that of women, though this gap has somewhat closed, especially during

the last two decades. In addition, men also use more time when they engage in outdoor recreation. In econometric analyses, the study finds that keeping everything else (e.g., income, leisure, education, work) constant, men on average use about 70 percent more time per person on outdoor recreation.

Figure 3: Time Spent in Outdoor Recreation and Active Sports, by Gender (hrs/week/person)



Age groups vary both in their time use and participation in outdoor recreation, but the differences across age groups are more idiosyncratic than those based on gender. By and large, young adults (under 35 years old) use more time and participate more frequently in outdoor recreation than other adult populations. Interestingly, though the amount of leisure by the under-35-year-old population has remained relatively constant since 1965, this age group has noticeably increased involvement in outdoor recreation, roughly tripling the percentage of leisure allocated toward outdoor recreation. Another major change since the 1960s and 1970s has been the remarkable increase in the amount of

leisure for the age group 60 years and older. Though in percentage terms individuals in this age group use less of their available leisure in outdoor recreation than in 1965, the absolute number of hours per person they spend on outdoor recreation has remained roughly constant. The increased life expectancy of the population also means that older populations may have increased their role in outdoor recreation, though this study did not specifically address that aspect.

Education and time use for outdoor recreation are strongly associated. The greater the educational level of an individual, the more likely she or he is to participate

in outdoor recreation. Whereas about 5 percent of individuals with at most a high school education participated in outdoor recreation on the day of the interview, the participation rate is about 11 percent in groups with at least some college education, keeping everything else equal. In other words, individuals with at most a high school education are less than half as likely to participate as those with higher education but otherwise similar backgrounds.

What explains these trends?

Using econometric estimation results, Table 1 decomposes estimated changes in the use of time for outdoor recreation in 1963-1993 and 1993-2003 into factors associated with changing demographics, the changing amount of leisure, and other factors (unobservable to us). First, the results suggest that between 1965 and 2003, predicted participation in outdoor recreation increased by 92 percent (from 8.5 percent to 16.3 percent). Changing demographics increased participation by 20 percentage points,

additional leisure increased participation by 10.4 percentage points, and other factors further increased participation by 61.5 percentage points. Second, the amount of time used for outdoor recreation per active participants (those with positive time use for outdoor recreation) increased by 15.8 percent during the same time period. Demographic change reduced time use per active participant (-7.9 percentage points), whereas increased leisure considerably lifted time use per active participant (+19.5 percentage points). Third, as a combined effect of the changes in participation and time use by active participant, time use per capita increased by about 122 percent. Most (85.3 percent) of this change was due to increased participation; increased time use per active participant contributed only 14.7 percent to the overall change between 1965 and 2003. Fourth, of the overall change in the use of time per capita (122.3 percent), 13.8 percentage points were due to changing demographics, 33.9 percentage points were due to increased leisure time, and 74.6 percentage points were due to other factors.

Table 1:

Decomposition of the change in the per capita time use for outdoor recreation into changing demographics, the amount of leisure, and other factors (from Siikamäki 2009).

	Participation*	Time use per active participant (hrs/week)	Time use per capita (hrs/week)
<i>A) Change 1965-2003</i>			
	+92.0%	+15.8%	+122.3%
- Effect of demographics	+20.0%	-7.9%	+13.8%
- Effect of the amount of leisure	+10.4%	+19.5%	+33.9%
- Effect due to other factors	+61.5%	+4.2%	+74.6%
<i>How much of the overall change 1965-2003 was due to this category?</i>	85.3%	14.7%	
<i>B) Change 1993-2003</i>			
	-9.4%	-14.2%	-22.2%
- Effect of demographics	+4.7%	-2.3%	+2.3%
- Effect of the amount of leisure	-0.5%	-8.6%	-8.6%
- Effect due to other factors	-13.6%	-3.2%	-15.9%
<i>How much of the overall change 1993-2003 was due to this category?</i>	39.9%	60.1%	

* Percentage of respondents with non-zero time use

The drivers of the change in time use per capita between 1993 and 2003 are markedly different. First, the

overall change in the use of time per capita (a 22.2% decline) is more evenly distributed across changes in

participation and time use per active participant, with time use per active participant having a greater role (about 60% of the overall change). Demographic factors increased participation (+4.7 percentage points), but the amount of leisure and other factors reduced it (-0.5 and -13.6 percentage points). As a consequence, participation declined overall by 9.4 percent. Second, time use per active participant declined (-14.2 percent), and demographic changes (-2.3 percentage points), declining amount of leisure (-8.6 percentage points), and other factors (-3.2 percentage points) all systematically contributed to this decline. Third, though demographic change between 1993 and 2003 increased overall time use per capita (+2.3 percentage points), the declining amount of leisure and other factors reduced it more (-8.6 and -15.9 percentage points, respectively).

Discussion

Data from time-use surveys conducted between 1965 and 2007 indicate that in the long-term, the use of time per capita for outdoor recreation and physically active sports has considerably increased. Despite the recent slight decline, the use of time per capita for outdoor recreation continues at a level about twice the level in the 1960s. Whereas the long-term increase in outdoor recreation has been mostly due to increased participation in outdoor recreation, the more recent changes suggest that those who participate in recreation spend less time in it. However, the percentage of population participating has not strikingly changed over the last two decades.

Changing demographics, the changing amount of leisure per person, and other factors have all contributed to changes in the use of time for outdoor recreation over the last five decades, but the effects and relative importance of different factors vary between participation in outdoor recreation, the amount of time spent per active participant, and time periods examined.

Though these findings lend some support to the arguments that the popularity of outdoor recreation might be declining from its high levels in the 1980s and 1990s, the latest data (2003–2007) suggest that the use of time per capita for outdoor recreation has been relatively stable in recent years. Perhaps more importantly, this study also suggests that factors such as changing demographics and leisure, rather than profound changes in the preferences for outdoor recreation, explain a considerable fraction of the recent changes in outdoor recreation. However, this study was not able to examine how access to outdoor recreation (e.g., available recreation resources, their proximity to population, entry fees) and the quality of outdoor

recreation experience (e.g., facilities and their maintenance, congestion) may have affected outdoor recreation. Examining the role of these factors seems an important topic for future research.

What do these findings suggest in the context of outdoor recreation policy? First, public policies during the last five decades to improve access to outdoor recreation, for example, by establishing national and state parks and other recreation areas, likely have contributed to the long-term increase in outdoor recreation. The magnitude of these effects is difficult to discern using time use data, because historical time use surveys recorded limited or no information on the geographical location of the individuals surveyed. Additional research using alternative approaches and sources of data to examine how providing access to outdoor recreation affects its popularity would therefore be important and help evaluate public policy towards outdoor recreation. Second, the popularity of outdoor recreation continues at high levels today, but participants may be able to spend less time in recreation than before. Many factors likely contribute to this trend, among them the declining amount of leisure in groups most active in outdoor recreation, possibly increased competition among different forms of recreation, and, perhaps, the fragmentation of leisure and consequent challenges in finding common leisure among all individuals in the household. In any case, when the availability of free time is reduced, accessing remote recreation resources becomes more difficult, and near-home outdoor recreation opportunities become increasingly important. Third, demographic differences in outdoor recreation are pronounced and persistent. It would be important to assess to what extent these trends have resulted from outdoor recreation policy versus “natural” tendencies such as differences in the preferences of different demographic groups toward outdoor recreation. For example, it is not well known to what extent past and current policies have contributed to the relatively inactive roles certain demographic groups (women, individuals with less than college education, older populations) have in outdoor recreation, and what might be done to develop policies to better reach these groups if that were in the interest of policymaking.

References

Aguiar, M., and E. Hurst. 2007. Measuring Trends in Leisure: The Allocation of Time Over Five Decades. *Quart. J. Econ.* 122: 969–1005.

Bureau of Labor Statistics. 2008. *American Time Use Survey User's Guide: Understanding ATUS 2003 to 2007*. Washington, DC: Bureau of Labor Statistics, U.S. Census Bureau.

Cordell, K.H. 1999. *Outdoor Recreation in American Life: A National Assessment of Demand and Supply Trends*. Champaign, IL: Sagamore Publishing.

Cordell, K.H., and G.R. Super. 2000. Trends in Americans' Outdoor Recreation Participation. In *Trends in Outdoor Recreation, Leisure, and Tourism*, edited by W.C. Gartner and D.W. Lime. Oxon, UK: CABI Publishing.

Fisher, K., M. Egerton, N. Torres, A. Polman, and J. Gershuny. 2006. *American Heritage Time Use Study (AHTUS), Codebook*. Colchester, Essex, UK: Institute for Social and Economic Research.

Pergams, O.R.W., and P.A. Zaradic. 2008. Evidence for a Fundamental and Pervasive Shift Away from Nature-Based Recreation. *PNAS* 105: 2295–2300.

Robinson, J.P., and G. Godbey. 1997. *Time for Life: The Surprising Ways Americans Use Their Time*. University Park, PA: Pennsylvania State University Press.

Siikamäki, J. 2009. Use of Time for Outdoor Recreation in the United States in 1965–2007. RFF Discussion Paper 09-18, May 2009. <http://www.rff.org/RFF/Documents/RFF-DP-09-18.pdf>.

U.S. Department of Health and Human Services. 2000. *Healthy People 2010: Understanding and Improving Health*. Washington, DC: U.S. Government Printing Office.

USFWS (U.S. Fish and Wildlife Service). 2002. *The 2001 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation*. Washington, DC.

USFWS (U.S. Fish and Wildlife Service). 2008. FWS at a Glance. <http://www.fws.gov/fwsatagance.html>

BULLETIN BOARD

FEEM 20TH ANNIVERSARY PRIZE IN ENVIRONMENTAL ECONOMICS



Call for Nominations

To celebrate the 20th anniversary of its foundation, the [Fondazione Eni Enrico Mattei](#) will bestow the FEEM 20th Anniversary Prize in Environmental Economics.

The Prize, which carries a **monetary reward of € 10,000 (ten thousand euro)**, will be conferred on a researcher or a group of researchers from anywhere in the world who have most significantly contributed to the development of the field of environmental and resource economics over the 20 year period 1989 to 2009.

Nominations for the Prize must be submitted by **March 1, 2010** by filling in the nomination form. Self-nominations will be taken into consideration.

A **Scientific Committee** shall examine each nomination for the Prize. The Scientific Committee is composed of seven members, who are representatives of the International Scientific Community in the field:

1. the President, Carlo Carraro (FEEM and University of Venice)
2. two members appointed by AERE: Bob Deacon (University of California at Santa Barbara) and Jason Shogren (University of Wyoming)
3. two members appointed by EAERE: Frank Convery (University College Dublin) and Nick Hanley (University of Stirling)
4. two members are appointed by FEEM: Anil Markandya (BC3 Basque Centre for Climate Change) and Rashid Hassan (University of Pretoria).

The President of the Scientific Committee, will coordinate the assessment process of the Prize according to the Prize's regulations. The Prize is managed by the **Organizing Committee** comprised of Carlo Carraro (chair) and Monica Eberle, with Soraya Torres Lopez as Prize Secretary.

The winner(s) will be officially announced in a plenary session of the Fourth World Congress of Environmental and Resource Economists, taking place June 28 to July 2, 2010, in Montreal, Canada.

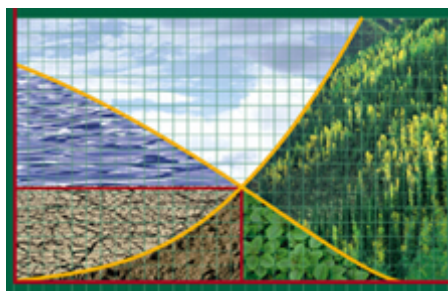
In the fall of the same year (October-November) the prize-winner(s) will be invited to the FEEM headquarters to deliver a lecture.

THE HARVARD ENVIRONMENTAL ECONOMICS PROGRAM (HEEP)

The Harvard Environmental Economics Program (HEEP) brings together faculty and graduate students from across Harvard engaged in research, teaching, and outreach efforts in environmental and natural resource economics and related public policy. HEEP has seventeen Faculty Fellows with great expertise and international reputations. This unique degree of faculty expertise is complemented by an exceptional group of doctoral students who serve as Pre-Doctoral Fellows within the Program. Students interested in environmental and resource economics pursue Ph.D. degrees at Harvard in economics, political economy and government, public policy, and health policy, and are invited to become Pre-Doctoral Fellows of the Program. In addition to working closely with Faculty Fellows, and attending the regular Seminar in Environmental Economics and Policy, the Pre-Doctoral Fellows have their own Research Lunch Seminar which allows graduate students to benefit from each other's experience.

For more information, visit HEEP's website at:

<http://www.hks.harvard.edu/m-rcbg/heap/>



**BODY OF KNOWLEDGE ON
INFRASTRUCTURE REGULATION**

The recently updated Body of Knowledge on Infrastructure Regulation, at:

www.regulationbodyofknowledge.org

is a comprehensive online resource containing summaries of regulatory and managerial literature and material on regulatory reform and performance improvements in infrastructure industries. The site is designed to help practitioners implement strategies for improving infrastructure performance. Topics include energy, water and the environment. This free on-line resource can be used for in-house capacity-building, university courses, and training programs.

RESOURCES FOR THE FUTURE
New Newsletter for Academics

Resources for the Future is pleased to announce the RFF Academic Update an e-newsletter geared toward scholars in the energy, environmental, natural resources, and public health policy disciplines. The inaugural Fall/Winter 2009-10 issue features new RFF fellows and visiting scholar announcements, future employment opportunities, and tips on how to use RFF scholarship in the classroom. [Click here to join the mailing list](#) or go to:

http://www.rff.org/About_RFF/Pages/AcademicUpdateRegistration.aspx

JOBS, FELLOWSHIPS AND SCHOLARSHIP ANNOUNCEMENTS

THE UNIVERSITY OF MARYLAND

The University of Maryland, College Park, Department of Agricultural and Resource Economics, seeks a faculty appointee who will develop distinguished research and teaching programs in one or more of the following areas: applied econometrics, agricultural and resource policy, environmental and resource economics, or experimental and behavioral economics in relation to the above fields. The appointee is expected to develop a creative research program that serves the public interest at the state, national or international level. The appointee is also expected to teach courses that fit into the instructional programs of the Department at the undergraduate and graduate levels and that enhance the overall quality of education in these programs. The rank of the appointment is at the assistant professor level. The Department has a preference for candidates with a proven record of research and publication. The position is a nine month, tenure-track position, with salary commensurate with the candidate's record. Candidates should possess a doctorate in agricultural economics, economics, or an equivalent field.

All candidates must apply online at <http://www.econjobmarket.org/>. All materials must be submitted in .pdf format. Applicants should submit a c.v., dissertation abstract, statement of research and teaching interests and copies of publications and/or a research paper. Applicants also must arrange for three letters of recommendation to be submitted online. Applications must be received **by December 1, 2009** to be guaranteed full consideration but will be accepted until the position is filled. Preliminary interviews will be conducted at the January AEA/AEA/ASSA meetings in Atlanta. Women and minorities are strongly encouraged to apply.

The University System of Maryland is equal opportunity. Its policies, programs, and activities are in conformance with pertinent Federal and State laws and regulations on nondiscrimination regarding race, color, religions, age, national origin, sex, and disability. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments; Section 504 of the Rehabilitation Act of 1973; and the Americans with Disabilities Act of 1990; or related legal requirements should be directed to the Director or Personnel/Human Relations, Office of the Dean, College of Agriculture and Natural Resources, Symons Hall, College Park, MD 20742.



The Frederick A. and Barbara M. Erb Institute for Global Sustainable Enterprise at the University of Michigan is a joint program between the Stephen M. Ross School of Business and the School of Natural Resources and Environment. Its mission is to be a premier source for the creation and dissemination of knowledge focused on ecologically, economically and socially sustainable development and enterprise.

We are now inviting applications from qualified candidates who are at the beginning of their academic careers, having received the Ph.D. or comparable degree between June 1, 2008, and August 30, 2010. Fellows appointed as Post-Doctoral Scholars in the Erb Institute are expected to be in residence during the academic years of the fellowship, to participate in the intellectual life of the Institute, and to devote time to their independent research. If desired, teaching may be included in the agreement. The annual stipend will be \$65,000 based on an academic calendar year, September 1st - August 31st. You will be eligible for participation in the University health and life insurance options. The appointment is intended to extend for two years starting on September 1, 2010, though the Institute will also consider applications for one-year appointments. *Preference will be given to applications received by December 15, 2009, and must include the following:*

1. A cover letter explaining your interest.
2. A current curriculum vitae. As an addendum, please include a list of courses taken as a graduate student. A transcript is not required.
3. A short (one page, single spaced) description of your background, research and teaching interests, and a brief summary of your proposed research. If you are currently a doctoral candidate, please indicate the anticipated schedule of completion of your thesis. The Ph.D. or comparable degree is a prerequisite for this appointment.
4. A research proposal for the fellowship tenure. This proposal should outline the methods and aims of research beyond your thesis. Please keep in mind that

your project proposal will be read by non-specialists, as well as specialists in your field. Proposals that involve more than one discipline are especially welcome. Proposals should be 5-10 pages in length.

5. Examples of your work. Because reviewers have limited time for reading each application, candidates must limit the number of work samples (two or three) and length of papers. One of these submissions should represent your dissertation (a cover sheet, signature page, and abstract). Do not send a copy of your dissertation.

6. A list of three recommenders, including name, affiliation and contact information. Letters of reference should be mailed directly by your recommenders to the Erb Institute.

Acknowledgement of receipt of materials will be sent via e-mail. Please send application materials electronically to:

Managing Director of the Erb Institute
(Erb Institute)

or by mail to:

Erb Institute Post-Doctoral Fellowship
University of Michigan
701 Tappan Street
Ann Arbor, MI 48109-1234
(734) 647-9799

For more information about the Frederick A. and Barbara M. Erb Institute for Global Sustainable Enterprise, please visit: <http://www.erb.umich.edu>

U.S. Department of Agriculture
Economic Research Service

Branch Chief (Supervisory Agricultural Economist)
USDA's Economic Research Service
Resource and Rural Economics Division
Farm and Rural Business Branch

The Economic Research Service (ERS) serves as the research and policy arm of the United States Department of Agriculture (USDA). With 400 employees and a budget of approximately \$80 million, ERS conducts research that informs decision-makers on public programs and policies involving agricultural commodities, food, farming, natural resources, and rural development; a spectrum that ranges from biotechnology to food stamps, from farmland protection to meat inspection, and from commodity policy to global inter-sectoral trade.

The Farm and Rural Business Branch (FRB) develops, interprets, and disseminates current analyses and longer term perspectives on the financial structure and performance of farms, the farm sector, and rural areas. Notably, the Branch produces USDA's estimates and forecasts of farm income. The Branch plays a key role in development of the survey data that underpin the farm income estimates and the research program (the Agricultural Resource Management Survey or ARMS). Research themes include analysis of farm business formation to understand how ownership and operating structures affect access to resources, financial performance, and the distribution of income and wealth. Farmer's choices regarding input procurement, market channels, work, and investment are examined and linkages between farm and non-farm businesses and rural communities are analyzed. The Branch monitors rural industry structure to assess changes in economic base, income, and employment. Sources and processes of rural economic growth are examined, with an emphasis on such factors as amenities, creative capital, and entrepreneurship. Rural development strategies are examined with a primary focus on assessing access to, and use of, information and communication technologies in rural areas, tourism and recreation, and energy and renewable fuels.

Duties and Responsibilities:

A. Scope of Assignment

Reporting to the Director, Resource and Rural Economics Division (RRED), the Branch Chief is responsible for planning, directing, and managing the Branch's program of agricultural economic research, analysis, and information dissemination. This includes the coordination and integration of this Branch's program of research and analysis with those of other branches within ERS.

The Branch Chief is responsible for serving as the Agency's reference point to provide economic advice and counsel relating to the Branch's area of responsibility. This includes providing technical information and advice to other U.S. government agencies, and serving on various Department-level committees, as well as interagency and interdepartmental task forces.

B. Technical Responsibility

The Branch Chief is responsible for defining research studies and analyses to be undertaken within the Branch and allocating resources, and is also responsible for the validity and integrity of the economic results produced. This includes the oversight of data collection, economic analysis and research; publication of results and findings; and selecting appropriate methods for dissemination of the results of research including working papers, agency publications, professional journals, and magazines.

The Branch Chief is responsible for providing the overall management of a number of technically-complex projects which involve selecting or developing the most appropriate and current research methodologies, often of great complexity, and applying them to extremely complicated economic problems. He/she is responsible for maintaining a high degree of expertise in the subject-matter areas of technical concern to the Branch and in the process of adapting and modifying methods of economic research and analysis and/or developing and designing new methods as necessary to provide solutions to technical problems.

The Branch Chief represents the Branch within the Department, with responsibility for oversight, or coordination of, the preparation of briefings/working papers for the Secretary of Agriculture or the Under Secretary for Research, Economics, and Education, and of position papers for national and international meetings.

C. Administrative Responsibility

The Branch Chief is responsible for the development of program and product plans for the Branch. This includes work plans, as well as development and justification of a budget. The incumbent is responsible for identifying promising and pertinent areas of research, providing technical advice to develop and expand research activities, and thus helping to plan the ERS research and analytical program as well as its related product/publication portfolio.

The Branch Chief rates performance of, and approves sick and annual leave for, all Branch employees. The incumbent selects new employees for the Branch and recommends current employees for promotion. He/she hears and resolves major grievances and employee complaints and makes recommendations concerning more serious disciplinary actions. The incumbent consults with employees regarding training needs and submits final recommendations. He/she also keeps employees informed regarding personnel and other administrative programs, and maintains morale, discipline, and constructive employee relations.

Requirements:

A minimum of 10 years sophisticated economic and/or financial research. A Ph.D. in Economics, Agricultural Economics, or Finance is highly preferred.

Technical Qualifications (Knowledge, Skills, and Abilities (KSAs): (Please develop a written response, of no more than one page, to each KSA.)

1. Demonstrated ability to plan, develop, and manage a program of economic research and outlook, and its dissemination. Expertise in the economics of business or farm finance a plus.
2. Ability to lead and accomplish work through others (includes conflict management, cultural awareness, team building, and integrity/honesty).
3. Demonstrated skill in communicating economic concepts and research results to a variety of audiences including peer-reviewed publications, and making presentations to high-level policy officials, academics, and other audiences.
4. Ability to communicate with individuals or groups from diverse backgrounds in a variety of situations (including oral and written communication, influencing/negotiating, partnering, interpersonal skills, and political savvy.)

Location: Washington, DC

Compensation: to \$153,200

EEO: All candidates will be considered without regard to race, color, religion, gender, sexual orientation, national origin, or disability. The ERS provides reasonable accommodations to applicants with disabilities.

Deadline: To be considered, applications must be received no later than midnight, **November 30, 2009.**

Citizenship: U.S. Citizenship required. You may be required to obtain a security clearance.

Contact:

Jennifer Moss
JDG Associates, Ltd.
1700 Research Boulevard
Rockville, MD 20850
301-340-2210
moss@jdgsearch.com

JDG Associates, established in 1973, is a leading provider of executive recruiting services to the federal government, non profit organizations, associations, Fortune 1000 corporations, and a variety of government contractors.

MD ENVIRONMENTAL SERVICE

MD Environmental Service is hiring an Economist/Environmental Specialist IV with the Environmental Dredging and Restoration Division. The job will be located at the Tawes State Office Building in Annapolis, Maryland. Duties will include socio/economic evaluations of commercial and recreational fisheries and water quality impacts to aquatic systems, analysis of development profiles of recreational and commercial fisheries, the assessment of impacts to limited access programs, the development of allocation criteria for economic issues, the evaluation of the impacts of alternative management strategies, and development of information to facilitate fisheries allocation decisions. Other services may include assisting with the development of a commercial sector management plan and evaluating the costs of human impacts to aquatic biota.

Minimum qualifications include BS degree and six years of related experience, three of which have included staff or project management. Masters or PhD in Natural Resources Economics or a related field preferred and can be substituted for up to two years of required experience. Preference given to applicants with experience in fisheries and background in socio-economic analysis. Valid drivers license with less than 6 points, the ability to lift 50 lbs, may be required. The ability to communicate effectively both orally and in writing, a must.

Send resumes including salary requirement to:

MD Environmental Service
Attn: 300569
259 Najoles Rd
Millersville, MD 21108



PHD SCHOLARSHIPS AVAILABLE IN:
1. MITIGATION AND ADAPTATION
STRATEGIES FOR CLIMATE
CHANGE
2. INVASIVE SPECIES MANAGEMENT

Faculty of Science
Sydney, Australia

Phone +61 (0)2 9850 7988
Fax +61 (0)2 9850 7972

A number of PhD Scholarships are available at Macquarie University, Graduate School of the Environment, Faculty of Science, in Sydney, Australia to study economically sound strategies to manage climate change risks. A particular focus will be on potential climate threshold responses such as a collapse of the North Atlantic thermohaline circulation or a thawing of the permafrost in the circumpolar arctic regions. The projects will analyze economic and scientific aspects using large-scale nonlinear problems. The successful candidates will join an international team of leading researchers in the area.

Applicants should have demonstrated research skills (e.g., through a Masters degree with a substantial research component or a four-year undergraduate degree with first class honours or equivalent in the area of economics, engineering or environmental science). A strong mathematical background and interest/experience in design of computational algorithms would be highly desirable. Those with interest/experience in topics such as adaptation to climate change and invasive species management will also be considered.

The successful applicant will receive a living allowance of approximately AUD 20,000 per year. The tenure of the scholarships is three years subject to satisfactory performance.

Further information on the projects may be obtained from Dr. Ram Ranjan at rranjan@science.mq.edu.au.

**ST JOHN'S RIVER
MANAGEMENT DISTRICT**

Resource Economist (Senior Management Analyst), St. John's River Water Management District, Palatka, Florida: This is independent work coordinating and analyzing the accounting aspects related to forecasting the cost of water supply and water use regulation.

- Analyzes water rates and financial information to determine the capital, operations and maintenance, and financing costs associated with funding alternative water supply projects.
- Evaluates economic impacts and feasibility to support review of consumptive use permit (CUP) applications, including the economical feasibility of reusing reclaimed water, implementing various water conservation measures including conservation rate structures, and other permit conditions proposed to be placed on specific CUPs.
- Evaluates economic impacts to utilities and other affected parties of proposed water conservation measures and rules. Performs economic analysis of proposed rules and prepares Statements of Estimated Regulatory Costs for District CUP and environmental resource permitting rules.

A bachelor's degree from an accredited college or university with a major in accounting, economics, and/or finance; and four years of professional accounting, economics, and/or finance experience or a master's degree from an accredited college or university with a major in accounting, economics, and/or finance; and three years of professional accounting, economics, and/or finance experience. Certified Public Accountant or Certified Management Accountant is preferred.

Selected candidate will possess strong skills in statistical analysis, econometrics and regression analysis, demographic data sources, principles and practices of resource economics, and analytic techniques. Knowledge of Florida's rule making process, environmental/planning laws including growth management, biological and physical sciences is preferred.

Please visit our website to learn more about the St. Johns River Water Management District and to complete the on-line application process at: www.sjrwmd.com.

*Equal Employment Opportunity/Veterans' Preference/
Drug-Free Workplace*

**THE UNIVERSITY OF CALIFORNIA,
BERKELEY**

**S.V. CIRIACY-WANTRUP POSTDOCTORAL
FELLOWSHIPS IN NATURAL RESOURCE
ECONOMICS AND POLITICAL SCIENCE**

The University of California, Berkeley invites applications for the 2010-2011 S.V. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy. The S.V. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy will be awarded for the 2009-2010 academic year to support advanced research at the University of California, Berkeley. For the purposes of this fellowship, natural resources are defined broadly to include environmental resources. The fellowship encourages, but is not limited to, policy-oriented research. Applications are open to scholars from any social science discipline and related professional fields such as law and planning, who will make significant contributions to research on natural resource economics broadly defined. Preference will be given to proposals whose orientation is broadly institutional and/or historical, and which are conceptually and theoretically innovative. Proposals with a primarily statistical or econometric purpose are not eligible for consideration. Application deadline is **December 11, 2009**.

For more information, please visit:

<http://research.chance.berkeley.edu/page.cfm?id=184>

LINK TO JOBS

<http://www.aere.org/jobs/>