

FROM THE PRESIDENT...

The AERE luncheon meeting is always an annual highlight that the president looks forward to reporting about in the May newsletter each year. I'm especially honored to have the opportunity this month to tell you about several milestones that were announced at the meeting in Boston last January. First of all, we inaugurated the new AERE Fellows Program and recognized these six outstanding members: Maureen L. Cropper, H. Michael Hanemann, Karl-Göran Maler, Wallace E. Oates, V. Kerry Smith, and Tom Tietenberg. Each of the awardees has had an extraordinary influence on environmental and resource economics and has made important contributions to AERE through their service over the years. It was most exciting that all six were able to attend the AERE luncheon to accept their awards and the speeches they gave provided a glimpse into how far AERE has come since its beginnings in 1979. I'm glad to have one more opportunity through this newsletter to express our collective appreciation to each of them. The AERE Fellows Program is available on the web at:

http://www.aere.org/resources/AERE_fellows_2005.pdf.

Second, AERE has signed an agreement with Oxford University Press (OUP) to publish a new journal, *Review of Environmental Economics and Policy (REEP)*. We are certainly fortunate to have Rob Stavins, Harvard University, as *REEP*'s editor along with Carlos Carraro, University of Venice and Fondazione Eni Enrico Mattei (FEEM), and Charles Kolstad, University of California (UC), Santa Barbara as co-editors. All three have put in much effort to make this all possible. See the announcement on page 3 of this newsletter. Details about the editorial board and preparations for launching the inaugural issue are underway and will be announced on the AERE Web Page and in the November 2006 *AERE Newsletter*. AERE hopes the new journal will play a prominent role in environmental policy debates.

Other excellent news is that William Nordhaus was given AERE's Publication of Enduring Quality Award for *Managing the Global Commons: The Economics of Climate Change* (MIT Press, 1994). This book has had a profound influence on how both economists and physical scientists think about climate change. Bill gave a fascinating talk at the luncheon about how the book came to be and the initial reaction to it.

TABLE OF CONTENTS

From the President...	1
AERE News	
AERE Fellows	3
<i>REEP</i>	3
<i>REEP Discounts</i>	4
AERE Workshop 2007	5
ISO AERE Webmaster	5
Institutional/University Member Program	5
AERE Supporters	6
Nominations for Board	7
Publication Awards 2005 & 2006.....	7
AERE Committees 2006	8
Calls for Papers/Contributions	
<i>AERE Newsletter</i>	9
BIOECON	9
Camp Resources XIV	10
CREE	10
Colorado University.....	11
<i>Encyclopedia of Earth</i>	11
<i>JEMS</i>	12
Public Health Conference	12
Meetings, Conferences, and Workshops	
AERE at the AAEA	13
APPAM	16
CORE	16
DISCCRS III	16
EPRI	17
Game Theory and Practice	17
HERE	18
Inter-Research Science Center.....	18
IAAE	19
SEA	19
Third World Congress	19
Ulvön	20
Essay	
<i>What is W133...?</i>	
by John Bergstrom and John Loomis ...	21
Bulletin Board	
University of Michigan, Ann Arbor	25
URS Corporation	25
Union of Concerned Scientists	25
EAPHU	26
<i>JARE</i>	26
National Research Council	27

New AERE officers and Board members were introduced at the luncheon: President-Elect, Trudy Cameron, University of Oregon; Vice President, Steve Polasky, University of Minnesota; and a new Secretary, Ann Wolverton, U.S. Environmental Protection Agency (EPA). J.R. DeShazo, UC Los Angeles, and Gloria Helfand, University of Michigan, are new Board members. We sincerely appreciate their willingness to serve the association in those capacities and gratefully acknowledge John Horowitz, the outgoing Vice President, for his work on the Board, along with Board Members Vic Adamowicz and Hilary Sigman. A very special thanks is given to David Austin for more than six years of service as AERE Secretary.

Finally, we also had the opportunity at the luncheon to thank Marilyn Voigt, AERE Executive Director, who continues to work tirelessly for AERE, as well as Gernot Wagner, Harvard, who has volunteered for several years as AERE Webmaster. Gernot recently announced his “retirement” so we will appreciate any leads in finding a replacement for him. See job description on page 4.

Chuck Mason, University of Wyoming, has smoothly taken over from Joe Herriges as Managing Editor of the *Journal of Environmental Economics and Management* (JEEM). I have already received my first manuscript to review and suspect that many of you have also. It is critical to maintaining JEEM’s strong reputation that AERE members provide both high quality and quick reviews so that the best papers get submitted to JEEM, and Chuck and his co-editors get the best assistance in identifying those papers. The efforts of the editors and editorial council members are very greatly appreciated.

Meetings and workshops serve as the other main outlet for AERE members to present their work. Nick Flores, University of Colorado, is the new program chair—he and fellow committee members, Mary Evans, University of Tennessee, and Carolyn Fischer, Resources For the Future—have organized interesting sessions for this summer’s AERE program at the American Agricultural Economics Association (AAEA) meeting in Long Beach, California in July and will be organizing the sessions for the Chicago Allied Social Science Associations (ASSA) meeting in January 2007. There will not be an AERE workshop this summer due to the Third World Congress of Environmental and Resource Economists.

This summer and fall there will be a number of workshops, boot camps, and small conferences on environmental/resource economics issues. These venues present useful opportunities for presenting new work and getting constructive feedback. See the links on the AERE Web Page for complete details.

Since launching the Institutional and University Membership programs last year, I’m very glad to announce that we have seven new University members who have added their financial support to AERE: Iowa State University, Center for Agricultural and Rural Development, Department of Economics; University of Michigan, School of Natural Resources and Environment; University of Oregon, Department of Economics; CentER, Tilburg University; University of Michigan, Erb Institute; the University of Central Florida, College of Business Administration, and the University of Minnesota, Department of Applied Economics. In addition, we have started an individual donor campaign and have acknowledged those individuals who have contributed on page 5 of this newsletter. Their support is very much appreciated as AERE continues to strive toward making this association an important professional opportunity for all its members.

I want to end by reminding all our members that the Third World Congress of Environmental and Resource Economists will take place July 3-7, 2006 in Kyoto, Japan. At the time that this message was being written, paper acceptances were going out. Kyoto is a truly beautiful city and this is an event no one will want to miss. We will also be awarding the winner of the **Petry Research Prize** for the best paper published in the area of climate change during the last three years. I hope to see a strong contingent of AERE members there!

Richard Carson, Professor
Department of Economics
University of California, San Diego
San Diego, CA 92093-0508
Telephone: 855-534-3384
Email: rcarson@ucsd.edu

AERE NEWS

AERE FELLOWS

AERE has instituted a new program to recognize outstanding contributions to the field by members of the association. Details are given below.

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 can 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.

Selection Process: Nomination packages are to be submitted **by June 1** to:

Richard T. Carson
Department of Economics, 0508
University of California, San Diego
La Jolla, CA 92093-0518
rcarson@ucsd.edu

The president will distribute copies to each of the Board members who will select newly appointed Fellows from the set of nominations. Nominations will not be carried over to future years. 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.

Maximum Number of Awards: Three per year after the third year. In the first three years, up to six Fellows can be selected per year.

AERE JOURNAL: *REEP*

Oxford Journals and AERE will be launching an exciting new journal in 2007, for which there is a special pre-publication institutional price (see below for details). Review of Environmental Economics and Policy (*REEP*) aims to fill the gap between traditional academic journals and the general interest press by providing a widely accessible yet scholarly source for the latest thinking on environmental economics and related policy. *REEP* will publish a range of material including symposia, articles, and regular features. Robert N. Stavins, Harvard University, is editor along with Carlos Carraro, University of Venice and Fondazione Eni Enrico Mattei (FEEM), and Charles Kolstad, University of California, Santa Barbara as co-editors. Suzanne Leonard is Managing Editor.

REEP seeks to fill the gap between traditional academic journals and the general interest press by providing a widely accessible yet scholarly source for the latest thinking on environmental economics and related policy. The journal will publish symposia, articles, and regular features that contribute to one or more of the following goals:

- to identify and synthesize lessons learned from recent and ongoing environmental economics research;
- to provide economic analysis of environmental policy issues;
- to promote the sharing of ideas and perspectives among the various sub-fields of environmental economics;
- to strengthen the linkages between environmental economics research and environmental policy;
- to encourage communication and connections between academics and the wider policy community;
- to offer suggestions for future research;
- to provide insights and readings for use in the classroom;
- to address issues of interest to the environmental economics profession.

Articles published in *REEP* are generally commissioned by the Editors, but are also subject to anonymous peer review. Although the submission of unsolicited manuscripts is not encouraged, the Editors welcome proposals for topics and authors. All such proposals should be sent to the editorial office. The Editors hope that *REEP* reflects the interests and responds to the needs of the world-wide membership of the AERE

economists, as well as its broader constituency of readers.

REEP will initially publish two issues per year, and the first issue will be published in March 2007. Subscription information will be included in the annual AERE Membership renewal mailing this October. For more information about *REEP* or to register to receive information about the contents of the first volume at the journal's new web site, see the web site at:

http://www.oxfordjournals.org/our_journals/reep/

**INSTITUTIONAL SUBSCRIPTIONS TO
REEP – ACT FAST FOR 50% DISCOUNT!**

Oxford Journals and AERE are offering a special discounted pre-publication price for any institutional orders received by December 20, 2006. The discount is 50% - so your library can subscribe to the 2007 volume of *REEP* for just \$75, compared to the regular price of \$150. . AERE members are strongly encouraged to notify their institutions about this opportunity by forwarding the web address to the proper department: http://www.oxfordjournals.org/our_journals/reep/ Your library may already be finalizing its acquisitions for 2007, and approval of a new subscription can take time – so act now to ensure your library takes advantage of this great offer. Alternatively, you can find a library recommendation form at:

http://www.oxfordjournals.org/help/library_recommendation.html

Note that sterling and euro prices apply in Europe, and a further 5% discount is available for print-only and online-only subscriptions. Full price details are available at:

http://www.oxfordjournals.org/our_journals/reep/

AERE MEMBERSHIP OFFICE

Please direct any questions or requests regarding your membership, subscription to *JEEM*, luncheon reservations, receipts, or related membership matters to:

AERE Membership Office
415 S Duff Avenue, Suite C
Ames, IA 50010-6600
Telephone: 515-598-5028
Fax: 515-233-3101
E-mail: info@aere.org

Marilyn M. Voigt, AERE's Executive Director, can be reached at:

AERE
1616 P Street NW, Box 6
Washington, DC 20036-1400
Telephone: 202-328-5125
Fax: 202-939-3460
E-mail: voigt@rff.org

AERE HOME PAGE

AERE can be found on the world wide web at:
<http://www.aere.org>

The AERE Home Page is a valuable resource. It provides information about membership, the *Journal of Environmental Economics and Management (JEEM)*, a list of AERE members with web pages, graduate programs in environmental and resource economics, meetings and workshops, job opportunities, on-line discussion lists, and WWW links of interest. There is also an archive of AERE newsletters (1998-present). Only highlights of the most recent issue will be posted, however, since only current AERE members receive copies of the latest issue (now sent electronically). Members may access the AERE Handbook and Directory using the membership code. (All members were sent a letter containing the code—please contact Marilyn M. Voigt (voigt@rff.org) if you have misplaced it.

Sincere thanks goes to **Gernot Wagner**, who has volunteered his time to keep the site current but who recently announced that he will be stepping down as Webmaster. A search is on for a replacement—see the notice below. Contact Marilyn Voigt, AERE Executive Director, for information about the cost of placing announcements about jobs and graduate programs on the AERE Web.

AERE WORKSHOP 2007

Plans are underway for the next AERE Workshop to be held in June 2007. The Workshop committee will be identifying topics and an East coast location for next year's event.

2006 Workshop Committee:

Chair: David Zilberman, University of California,
Berkeley
Gardner Brown, University of Washington
Michael Greenstone, University of Chicago
Norman Meade, U.S. Department of Commerce,
National Oceanic Atmospheric Administration
(NOAA)
Ann Wolverton, U.S. EPA
TBA, USDA, Economic Research Service

IN SEARCH OF (ISO) ... AN AERE WEBMASTER!

The Association of Environmental and Resource Economists (AERE) is looking for a new volunteer webmaster to maintain its site: <http://www.aere.org>, beginning June 1, 2006. The selected applicant would work closely with AERE's Executive Director, Marilyn Voigt, to update the site's various announcement sections, upload documents, and perform other routine maintenance tasks as needed.

The job requires working knowledge of HTML, basic familiarity with JavaScript, and access to a PDF maker. Maintaining the site takes an average of 30 minutes of work per week—slightly more in September and October when job ads get posted and less in the spring and summer. We are asking for a minimum commitment of one year.

If you are interested, please contact Gernot Wagner, current AERE Webmaster, as soon as possible at webmaster@aere.org.

Although this is an unpaid position, the person selected to take over these tasks will receive a complimentary membership in AERE each year—which includes a subscription to the Journal of Environmental Economics and Management (JEEM)—and a paid reservation to the annual AERE luncheon and meeting which is held in conjunction with the Allied Social Science Associations meeting each January.

INSTITUTIONAL AND UNIVERSITY MEMBERSHIP PROGRAM

The AERE Officers and Board of Directors invite research institutions, nonprofit organizations, government agencies, and corporations to become *Institutional Members of AERE* and colleges, universities, and university research centers to become *University 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 an *Institutional Member of AERE*, a contribution of \$1,000 is required. With this contribution, institutions may:

- designate one staff member to receive a 2006 individual membership in AERE (which includes a print and electronic subscription to *JEEM*, the bi-annual *AERE Newsletter* and a reduced fee for submitting articles to *JEEM*);
- be entitled to a sponsorship listing on the AERE Web Page (www.AERE.org), in the AERE Newsletter, and every issue of *JEEM*;
- receive one free advertisement this year on the AERE Web Page and in the AERE Newsletter (a savings of \$250);
- receive two nontransferable tickets for institution staff to the annual AERE luncheon and business meeting;
- receive recognition at the annual AERE luncheon and business meeting.

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

- designate one faculty member to receive a 2006 individual membership in AERE (which includes a print and electronic subscription to

JEEM, the bi-annual *AERE Newsletter*, and a reduced fee for submitting an article to *JEEM*);

- be entitled to a sponsorship listing on the AERE Web Page (www.AERE.org) and in the *AERE Newsletter* and *JEEM*;
- receive one free advertisement this year on the AERE Web Page and in the *AERE Newsletter* (a savings of \$250).

Please see the list below of the organizations that have already joined this program in 2006. If you think your institution would be interested in supporting AERE through this program, please contact Marilyn M. Voigt, AERE Executive Director (voigt@rff.org).

AERE INDIVIDUAL DONORS

AERE launched an appeal for individual donor support this year and we are most grateful to the following individuals who have generously made a contribution to support our programs and management.

Trudy Cameron	\$500
Anthony Fisher	\$100
Gloria Helfand	\$100
Madhu Khanna	\$100
Ian W.H Parry	\$200
Robert D. Rowe and Lauraine G.Chestnut	\$200
Clifford S. Russell	\$100

2006 INSTITUTIONAL AND UNIVERSITY MEMBERS OF AERE

Institutional Members

Industrial Economics, Inc.
Resources For the Future
Stratus Consulting, Inc.

University Members

**Donald Bren School of Environmental
 Science and Management**

**The Environmental Economics Program at Harvard
 University (EEPHU)**

**Iowa State University
 Center for Agricultural and Rural Development
 Department of Economics**

**Massachusetts Institute of Technology
 Department of Economics**

**Tilburg University
 CentER**

**University of Alberta
 Department of Rural Economy
 University of California, San Diego
 Department of Economics**

**University of Central Florida
 College of Business Administration**

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

**University of Michigan
 School of Natural Resources and Environment**

**University of Michigan
 Erb Institute**

**University of Minnesota
 Department of Applied Economics**

**University of Oregon
 Department of Economics**

NOMINATIONS FOR AERE BOARD MEMBERS

This year, AERE members will vote for two new members of the Board of Directors who will serve for three years beginning in January 2007. The nominations are being handled by a committee chaired by AERE Vice President Steve Polasky (University of Minnesota). The elections will occur in the Fall of 2006.

If you have a candidate whom you would like to see nominated, contact Steve **by email only**:
spolasky@umn.edu

Nominations may also be made by the membership through petitions, each of which contains signatures of 5% of the association's members. **Such petitions should be sent to arrive at the AERE Business Office in Washington, DC no later than July 1, 2006.**

**AERE Business Office
Attention: Marilyn Voigt
1616 P Street NW, Box 6
Washington, DC 20036**

2005 AERE PUBLICATION OF ENDURING QUALITY AWARD

The AERE Publication of Enduring Quality Award was awarded to William Nordhaus for *Managing the Global Commons: The Economics of Climate Change* (MIT 1994) at the annual AERE luncheon and business meeting on January 7, 2006 in Boston, Massachusetts.

William Nordhaus has been writing on climate change since the 1970s. There isn't a single publication that you can point to as being his definitive work in this area. But in this publication he pulled together everything he had done to answer the question: What should we do about this problem? He uses an optimal growth framework, which is appropriate because climate change is not a small project (if it were, cost-benefit analysis would suffice), and he estimates key parameters and comes up with answers to this question. Many people have been critical of Nordhaus's work in this area, but he definitely developed the central framework for understanding this very complicated but important problem. He developed a wonderful model and produced results that are the benchmark for this entire field. His model incorporated major climate relations, and so was broadly consistent with atmospheric science. He has been able to run loads of simulations from this model, addressing the importance of key parameters like discounting and key uncertainties like abrupt climate change. And he has

made his model available to others, so that they could use it, and change it, as they wanted. This has been a huge service to the profession broadly. And it has helped make our field relevant to this discussion. According to the SSCI, this publication was cited 228 times since 1999.

2006 AERE PUBLICATION OF ENDURING QUALITY AWARD

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 2006 award will be announced at the annual AERE winter luncheon meeting in January 2007 in Chicago. 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 2006 award will be undertaken by a committee chaired by Glenn Blomquist, University of Kentucky, with Scott Barrett, the Johns Hopkins University, School of Advanced International Studies, and Jason Shogren, University of Wyoming.

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 1st**. 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.

**Prof. Glenn Blomquist
E-mail: gcbloom@uky.edu**

AERE COMMITTEES 2006

Nominating:

Chair: Stephen Polasky, University of Minnesota
TBA

Program:

Chair: Nicholas Flores, University of Colorado,
Boulder
Mary Evans, University of Tennessee
Carolyn Fischer Resources For the Future

Publication of Enduring Quality:

Chair: Glenn Blomquist, University of Kentucky
Scott Barrett, Johns Hopkins SAIS
Jason Shogren, University of Wyoming

Workshop:

Chair: David Zilberman, University of California,
Berkeley
Gardner Brown, University of Washington
Michael Greenstone, Massachusetts Institute of
Technology
Norman Meade, NOAA
Ann Wolverton, U.S. EPA
TBD, USDA, Economic Research Service

If you are interested in serving on one of the standing committees, please contact the AERE President, Richard Carson.

AERE Newsletter

Co-Editors

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

Marilyn M. Voigt
AERE Executive Director
E-mail: voigt@rff.org
Telephone: 202-328-5125

Assistant Editor

Kathleen Meaney Stobie
KMStobie@att.net

Publisher

Association of Environmental and Resource Economists
1616 P Street N , Box 6
Washington, DC 20036

CALLS FOR PAPERS/CONTRIBUTIONS

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 February for the May issue and August 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

BIOECON CONFERENCE (BIOdiversity and Economics for CONservation)

*Economic Analysis of
Ecology and Biodiversity*

Kings College
Cambridge, United Kingdom
August 29-30, 2006

The University of Cambridge and the International Food Policy Research Institute (IFPRI) in association with DIVERSITAS and UK-DEFRA announce the Eighth Annual BIOECON conference on the economic analysis of policies for biodiversity conservation. The conference will be held at Kings College, Cambridge, on August 29-30, 2006. The conference will be of interest to both researchers interested in biological resources and biological processes and to policy makers interested in or working within the field of biodiversity conservation.

The conference will have sessions with papers examining the management of biological resources and biological processes as well as two plenary policy sessions chaired by IFPRI and DIVERSITAS respectively on the economic analysis of policies for biodiversity conservation.

Papers may be submitted for presentation within the conference and will be considered by the program committee. Electronic copies (in WORD or PDF format) should be sent to Dr. Andreas Kontoleon (ak219@cam.ac.uk) no later than **May 31, 2006**. Notification of acceptance of papers will be sent by email by June 10, 2006. Registrations for the conference are due by **July 10, 2006**.

A selection of papers (upon authors' approval) will be published as a special issue in a peer reviewed Journal or published as an edited book by a major publisher. Papers presented in previous BIOECON conferences have appeared as special issues in *Land Economics*, *Journal of Environmental Economics and Management*, and *Environment and Development Economics* as well as in an edited volume published by Cambridge University Press.

Conference sessions will commence on the morning of the 29th and conclude on the afternoon of the 30th of August. Accommodation for all participants will be organized within Kings College, with a conference banquet at the Kings College Great Hall on the evening of August 29th. Lunches and refreshments will also be provided.

The hosts will cover all conference costs (except travel) for paper presenters and discussants (two nights accommodation on the 28th and 29th of August at Kings College, as well as all meals and refreshments). There will be a £250 registration fee for all other participants that will include two nights lodging at Kings College, the banquet, breakfast, lunches and refreshments. There is a £100 registration fee for day-participants (that includes lunches and refreshments but not lodging and the conference banquet).

Further information on the conference, including registration materials, will be posted on the BIOECON web site at www.bioecon.ucl.ac.uk or can be obtained by contacting Andreas Kontoleon at ak219@cam.ac.uk

CAMP RESOURCES XIV

Wilmington Hilton Riverside
301 North Water Street
Wilmington, NC
August 10-11, 2006

Camp Resources will be held again this year at the Wilmington Hilton Riverside on Thursday and Friday, August 10-11, 2006. Those who want to enjoy leisure can stay for the weekend.

The primary focus of Camp Resources is on graduate students, young faculty or researchers at universities or public or private institutes (i.e., RTI International, RFF, etc.) or government agencies involved in environmental research. We do not expect a paper. However, a clear, well-organized 20 minute presentation describing a completed research project has been standard fare. These presentations should be organized using Power-Point or overheads (and we hope for continuing or exceeding past standards for interesting presentations). The speakers do not need to have copies of their papers available. As in the past, I will provide some support for travel and/or lodging. I can pay up to \$300 towards expenses for one author of each paper for "local" participants (i.e., those east of the Mississippi River) and up to \$375 for "distant" speakers (i.e., those west of the Mississippi River). For those interested in making presentations, I need a one-page abstract mailed to me at the address below **by May 31, 2006**. I then will select who will be making presentations at Camp Resources XIV.

Everyone who wants to come is, of course, welcome. We anticipate that the format would remain the same as last year's (i.e., full sessions both days). Again, as I have in the past, I will cover costs of a light breakfast each morning, and lunch both days. We will have a focused methodology/learning session presented by Professor Guido W. Imbens currently of the Departments of Economics and Agricultural and Resource Economics at the University of California, Berkeley. His research area is theoretical and applied econometrics, with particular emphasis on causality, including correcting methods for selection bias, such as matching and instrumental variables, and with applications to the evaluation of social programs. He has indicated that after giving us some background on the use of difference-in-difference methods for quasi-random experiments, he will give special attention to the research he and Susan Athey have discussed in their paper in *Econometrica* (March 2006). Dr. Imbens is a terrific speaker and his presentation promises to provide special insight into the opportunities for using these methods in environmental applications. He

earned his Ph.D. and his A.M. in Economics at Brown University and his M.Sc. in Economics and Econometrics (with distinction) at The University of Hull in the United Kingdom.

Hotel Information: A block of rooms has been set aside at the hotel. The rate is \$119.00 for a single or double room, plus taxes, and \$10.00 for each additional person over two people per room. You may reach the Hotel at (910) 763-5900. Please be sure to request a room in the "Camp Resources XIV" (or "NCSU Conference") block to obtain the special rate. The rooms will be held until 30 days prior to Camp Resources (i.e., July 9, 2006) so make your reservations early.

For more information about registration or accommodations, please send name, address, and email to the person who assures it all works smoothly, CEnREP's administrative assistant, Jack Crawley (Jack_Crawley@ncsu.edu). We do need to keep a count of those coming for meals and other activities. Look forward to seeing you this summer!

V. Kerry Smith
Director, CENrEP
North Carolina State University
Dept. of Agricultural and Resource Economics
Campus Box 8109
North Carolina State University
Raleigh, NC 27695-8109

CANADIAN RESOURCE AND ENVIRONMENTAL ECONOMICS (CREE) WORKING GROUP

Acadia University
Wolfville, Nova Scotia
September 29 to October 1, 2006

The 16th annual workshop of the Canadian Resource and Environmental Economics (CREE) association will be hosted at Acadia University in the picturesque and historic Annapolis Valley region of Nova Scotia, Canada. Those interested in presenting a paper or poster at CREE 2006 are asked make a submission, as detailed below **by May 15, 2006**. All submissions must include names of authors, affiliations, and positions, along with the elements outlined below. Please clearly identify the intended presenter, and ensure that their email address is included with the submission.

**COLORADO UNIVERSITY
ENVIRONMENTAL AND
RESOURCE ECONOMICS WORKSHOP**

**Lion Square Lodge
Vail, CO
September 22-23, 2006**

The eighth annual Colorado University (CU) Environmental and Resource Economics Workshop will be held September 22-23 at the Lion Square Lodge in Vail, Colorado. This year's keynote speaker is Matthew E. Kahn of Tufts University.

The CU Environmental and Resource Economics Workshop provides researchers the opportunity to share their research results and/or ideas in a relaxed, workshop environment. Ample time will be allocated for discussion, allowing researchers to get feedback from other workshop participants. Work presented can range from proposed research to highly polished and complete projects. Graduate students are especially encouraged to participate. The submission deadline is **July 25, 2006**. More information can be found at the workshop website: enviro.colorado.edu/ws.

**Nicholas E. Flores
nicholas.flores@colorado.edu
Telephone: 303 492-8145**

ENCYCLOPEDIA OF EARTH (EoE)

The world's experts on the environment of Earth, and the interaction between society and the natural spheres of the Earth, are forming to produce a single comprehensive and definitive electronic encyclopedia about the Earth. The *Encyclopedia of Earth (EoE)* will be free to the public and free of advertising.

We seek all qualified editors and authors to collaboratively develop:

- A free, fully searchable, trusted source of articles about the Earth;
- A to Z coverage of topics describing the environment of Earth that span the natural, physical, and social sciences, the arts, humanities, and the professional disciplines;
- An information resource that will be useful to students, educators, scholars, professionals, as well as the general public;

For **presentations**, a draft paper must be received by the submission deadline. Papers will be reviewed by the program committee and authors of those selected will be contacted by July 1, 2006. A version of the paper to be included in the conference proceedings, and for review by the assigned discussant, is required by September 1, 2006.

For **posters**, a description of the proposed poster presentation of no more than two pages must be received by the submission deadline. Poster proposals will be reviewed, and authors of accepted posters contacted by July 15, 2006. All received poster proposals will be reviewed and judged on content. We are particularly interested in poster proposals from students and researchers in Atlantic Canada. Posters can be no larger than the 36 by 48 inch (91 by 122 centimeter) cardboard poster displays available at office supply stores. Authors are expected to be available to discuss their research during the conference.

All papers and poster proposals are to be sent to cree2006@acadiau.ca by the deadline. Papers and poster proposals must be in Adobe Portable Document Format (PDF) format.

Visit the conference web site for some additional information on converting documents to PDF format. Submissions will not be accepted in paper format. Conference program, registration information, as well as travel, accommodation, and other conference related information will be available at:

<http://www.acadiau.ca/academy/CREE2006/>

Note that to present either a paper or a poster at the conference, you must register. As with previous CREE workshops, we are interested in current resource and environmental economics papers from any area. CREE 2006 is currently being sponsored by Natural Resources Canada, the Canadian Economics Association and Acadia University. Those interested in contributing financially to supporting the 2006 workshop, please contact us at cree2006@acadiau.ca.

- An authoring site that combines the authority of peer review with the power of Web-based collaboration;
- A public reference site that is updated every 15 minutes.

Editors: Professor Cutler J. Cleveland of Boston University, the Editor-in-Chief of the award-winning *Encyclopedia of Energy* (Elsevier Science), is the Editor-in-Chief of the *EoE*. A distinguished International Advisory Board provides editorial oversight.

Publisher: The *EoE* is one component of the Earth Portal (<http://earthportal.net/>), the world's first comprehensive resource for timely, objective, science-based information about the Earth and environmental change. It is published by the Environmental Information Coalition, National Council for Science and the Environment: <http://www.ncseonline.org>.

Scope: The scope of the Encyclopedia is the environment of the Earth broadly defined, with particular emphasis on the interaction between society and the natural spheres of the Earth. See the taxonomy and topic areas: <http://earthportal.net/EP/eoe/eoetopics/>.

Join the Effort: If you are interested and want more information, please send an email to eoe@earthportal.net, or visit (<http://earthportal.net/EP/steward/>).

JOURNAL OF ECONOMICS AND MANAGEMENT STRATEGY (JEMS)

The *Journal of Economics and Management Strategy (JEMS)* is planning on a special issue on "Management Strategy and the Environment."

Papers on theoretical and empirical aspects of the industrial organization of environmental management are invited. Topics that are of particular interest include:

- Business strategy and climate change
- Effects of environmental controls on business strategy
- Environmental regulation and R&D by firms
- Environmental information disclosure
- Real options analysis as a tool for nonmarket strategy
- The role of global common standards in multinational strategy
- Dealing with multiple conflicting regulatory regimes (across states or nations)
- Coping with regulatory uncertainty

- Environmental and social sustainability as management issues
- Industry self-regulation
- Strategic interaction between business and non-governmental organizations
- Performance of environmental management systems

Special issue editor will be Tom Lyon (University of Michigan). The submission deadline is **October 1, 2006**. All papers will go through the standard *JEMS* refereeing process. For *JEMS* submission instructions please visit:

www.kellogg.northwestern.edu/research/journals/JEMS/

For questions about the journal please contact Alice Schaller at editjems@kellogg.northwestern.edu. For questions about the special issue please contact Tom Lyon at: tplyon@umich.edu

Bookmark our website at:

<http://www.kellogg.northwestern.edu/research/journals/jems/>

NATIONAL ENVIRONMENTAL PUBLIC HEALTH CONFERENCE

**Atlanta, Georgia
December 4-6, 2006**

The National Center for Environmental Health and the Agency for Toxic Substances and Disease Registry, Centers for Disease Control and Prevention, will host the *2006 National Environmental Public Health Conference* in Atlanta, Georgia on December 4-6, 2006.

The theme is *Advancing Environmental Public Health: Science, Practice, New Frontiers*. The conference will focus on developing and strengthening working relationships among federal, state, tribal, and local government agencies; national organizations and associations; policymakers and planners; academic institutions; businesses, and industry. About 1,200 attendees are expected from the field of environmental public health and its allied professions.

The *2006 Environmental Public Health Conference* will address a broad spectrum of interests. Information on registration, program content, call for abstracts, and continuing education credits will be available in the coming weeks on the CDC Web site:

<http://www.cdc.gov/nceh/conference/index.htm>

Questions about the conference may be sent to: ephconf@cdc.gov.

MEETINGS, CONFERENCES, AND WORKSHOPS

AERE SESSIONS 2006 AAEA MEETING LONG BEACH, CA

Session 1: *Pollution Control*

Papers in this session consider economic issues related to pollution control.

Moderator: Nicholas E. Flores
Department of Economics
University of Colorado
Email: Nicholas.Flores@Colorado.edu

(1) “Seeking Proactive Environmental Compliance: Incentives for Environmental Audits”

Authors: Wilma Rose Q. Anton and
Donna R. Harrington
Presenter: Wilma Rose Q. Anton
University of Central Florida
Email: wqanton@bus.ucf.edu
Discussant: Christian Langpap
Tulane University

(2) “Evaluating the Effectiveness of EPA Voluntary Programs: An Examination of the Strategic Goals Program for Metal Finishers”

Author: Keith Brouhle
Presenter: Keith Brouhle
Grinnell College
Email: brouhle@grinnell.edu
Discussant: Jay Shimshack, Tufts University

(3) “The Relative Efficiency of Emissions Caps and Abatement Environmental Standards Under Stochastic Environmental Damages”

Authors: Stephen F. Hamilton and Till Requate
Presenter: Stephen F. Hamilton
Cal Poly State University
Email: shamilton@calpoly.edu
Discussant: HongLi Feng, Iowa State University

(4) “Mandatory Information Disclosure and Environmental Performance”

Authors: Jay Shimshack, Magali Delmas, and
Maria Montes
Presenter: Jay Shimshack, Tufts University
Email: jay.shimshack@tufts.edu

Discussant: Madhu Khanna, University of Illinois,
Urbana-Champaign

Session 2: *Land Management*

Papers in this session consider environmental issues related to land management.

Moderator: Nicholas E. Flores

(1) “Mechanism Design of Land Conservation Programs”

Authors: Xiaoxuan Chen, Amy W. Ando,
and Charles H. Nelson
Presenter: Xiaoxuan Chen
University of Illinois at Urbana-
Champaign
Email: xchen3@uiuc.edu
Discussant: Bill Provencher
University of Wisconsin-Madison

(2): “Predicting the Effect of Land Use Policies on Watershed Health”

Authors: Christian Langpap, JunJie Wu,
and Ivan Hascic
Presenter: Christian Langpap
Tulane University
Email: clangpap@tulane.edu
Discussant: Valerie Mueller
Columbia University

(3): “The Implications of Heterogeneous Preferences for Environmental Zoning”

Authors: Bill Provencher and David Lewis
Presenter: Bill Provencher
University of Wisconsin-Madison
Email: rwproven@wisc.edu
Discussant: Xiaoxuan Chen
University of Illinois

(4) “Optimal Land Conversion Under Agricultural and Environmental Uncertainties”

Authors: Jinhua Zhao and David Zilberman
Presenter: Jinhua Zhao
Iowa State University
Email: jzhao@iastate.edu
Discussant: Jonathan Kaplan
California State University, Sacramento

(4) “Robust Experimental Designs for Economic Valuation Choice Experiments”

Authors: Daniel K. Lew, David F. Layton,
and Robert D. Rowe
Presenter: Daniel K. Lew
Alaska Fisheries Science Center
Seattle, Washington
Email: Dan.Lew@noaa.gov
Discussant: Stephen Hamilton
Cal Poly State University

Session 3: *Valuing the Environment*

Papers in this session consider various aspects of environmental valuation.

Session 4: *Environmental Management and Economic Impacts*

Moderator: Christian Vossler
Department of Economics
University of Tennessee
Email: cvossler@utk.edu

Papers in this session consider various environmental and resource management issues.

(1) “Valuing an Endangered Species Using a Choice Experiment-Based Stated Preference Method: Preliminary Results for a Stellar Sea Lion Valuation Study”

Authors: Daniel K. Lew, David F. Layton,
and Robert D. Rowe
Presenter: Daniel K. Lew
Alaska Fisheries Science Center
Seattle, Washington
Email: Dan.Lew@noaa.gov
Discussant: Robert Johnston
University of Connecticut, Avery Point

Moderator: Jinhua Zhao
Department of Economics
Iowa State University
Email: jzhao@iastate.edu

(1) “Production and Abatement Distortions Under Noisy Green Taxes”

Authors: HongLi Feng and David A. Hennessy
Presenter: HongLi Feng
Iowa State University
Email: hlfeng@iastate.edu
Discussant: Wilma Rose
University of Central Florida

(2): “Willingness to Pay to Reduce Community Health Risks from Municipal Drinking Water: A Stated Preference Study”

Authors: Vic Adamowicz, Diane Dupont,
and Alan Krupnick
Presenter: Diane Dupont
Brock University
Email: diane.dupont@brock.ca
Discussant: Dan Lew
National Marine Fisheries Service

(2) “Green Management and the Nature of Technical Innovation”

Authors: George Deltas, Donna R. Harrington,
and Madhu Khanna
Presenter: Madhu Khanna
University of Illinois, Urbana-Champaign
Email: khanna1@uiuc.edu
Discussant: DooHwan Won
University of Illinois

(3) “Characterizing the Effects of Valuation Methodology in Function-Based Benefits Transfer”

Authors: Robert J. Johnston, Elena Y. Besedin,
and Matthew H. Ranson
Presenter: Robert J. Johnston
University of Connecticut, Avery Point
Email: Robert.johnston@uconn.edu
Discussant: Diane Dupont
Brock University

(3) “Exhaustible Resource Depletion in a Two-Region Competitive Economy”

Author: Ramesh C. Kumar
Presenter: Ramesh C. Kumar
University of Waterloo
Email: rkumar@watarts.uwaterloo.ca
Discussant: Jinhua Zhao
Iowa State University

(4) “The Economic Impact of Contaminated and Noxious Sites: A Meta Analysis”

Authors: DooHwan Won, John B. Braden,
and Laura O. Taylor

Presenter: DooHwan Won
University of Illinois
Email: doowan@uiuc.edu

Discussant: John Lynham
University of California, Santa Barbara

Session 5: *Water Resources*

Papers in this session consider environmental issues related to water and agricultural management.

Moderator: W. Douglass Shaw
Department of Agricultural Economics
Texas A&M University
Email: wshaw@tamu.edu

(1) “A Dynamic Analysis of the Diffusion of Sustainable Agricultural Practices in Rondonia, Brazil”

Authors: Jill L. Caviglia-Harris and Erin O. Sills
Presenter: Jill L. Caviglia-Harris
Department of Economics
Salisbury University
Email: jlcaviglia-harris@salisbury.edu

Discussant: David McEvoy
University of Massachusetts, Amherst

(2): “The Process and Performance of Decentralization of River Basin Resource Management: A Global Analysis”

Authors: Ariel Dinar, Karin Kemper, William Blomquist, & Pradeep Kurukulasuriya
Presenter: Ariel Dinar
World Bank
Email: adinar@worldbank.org

Discussant: Jill Caviglia-Harris
Salisbury University

(3) “The Distribution of Welfare Effects of ITQ Management in the Presence of an Imperfectly Competitive Processing Sector”

Authors: David McEvoy, Sylvia Brandt,
and Nathalie Lavoie
Presenter: David McEvoy
University of Massachusetts, Amherst
Email: dmcevoy@resecon.umass.edu

Discussant: Keith Brouhle
Grinnell College

(4) “Can the Use of Climate-Based Forecasts Raise Ceara's Total Water Availability While Respecting Equity Constraints?”

Authors: Valerie Mueller, Alexander Pfaff,
Kenneth Broad, and Renzo Taddei

Presenter: Valerie Mueller
Columbia University
Email: vam2105@columbia.edu

Discussant: Ariel Dinar
World Bank

Session 6: *Understanding Environmental Preferences*

Papers in this session consider theoretical and practical issues related to preferences for environmental goods and services.

Moderator: Daniel Lew
National Marine Fisheries Service
Seattle, Washington
Email: Dan.Lew@noaa.gov

(1) “Testing Rationality in Mixed Demand Systems: Contingent Valuation and Travel Cost Data”

Authors: Maria A. Cunha-e-Sa, Maria M.
Ducla-Soares, and Luis C. Nunes
Presenter: Luis C. Nunes

Faculdade de Economica
Universidade Nova de Lisboa, Portugal
Email: mcunhasa@fe.unl.pt

Discussant: David Kingsley
University of Colorado

(2) “Hybrid Allocation Mechanisms for Rationed Goods”

Authors: Mary F. Evans, Nicholas E. Flores,
and Christian A Vossler

Presenter: Christian Vossler
University of Tennessee
Email: cvossler@utk.edu

Discussant: Luis Nunes
Universidade Nova de Lisboa, Portugal

(3) “Preference Uncertainty, Preference Learning and Paired Comparison Experiments”

Author: David Kingsley
Presenter: David Kingsley
University of Colorado
Email David.Kingsley@Colorado.edu

Discussant: Douglass Shaw
Texas A&M University

(4) “Perceived Mortality Risks: An Experiment with an Auction for a New Food Product”

Authors: W. Douglass Shaw, Rodolfo M. Nayga Jr. and Andres Silva
Presenter: W. Douglass Shaw
Texas A&M University
Email: wdshaw@tamu.edu
Discussant: Christian Vossler
University of Tennessee

**ASSOCIATION FOR PUBLIC POLICY
ANALYSIS AND MANAGEMENT (APPAM)**

*Charting the Next Twenty Years of Public Policy
and Management Education*

**June 15-17, 2006
Park City, UT**

For all 2006 Spring Conference information including the schedule of events, registration, hotel reservations and travel planning, please go to: <http://www.appam.org>

**CORE: THE POTENTIAL OF CSR TO
SUPPORT THE IMPLEMENTATION OF THE
EU LISBON STRATEGY**

**Fondazione Eni Enrico Mattei (FEEM)
Milano, Italy
June 22–23, 2006**

The International Conference on “The Potential of Corporate Social Responsibility to Support the Implementation of the EU Lisbon Strategy” will be held at Fondazione Eni Enrico Mattei (FEEM), Milano on June 22-23, 2006.

The Conference is organized under the auspices of the Marie Curie Series of Conferences entitled “CORE: The potential of CSR to Contribute to the Implementation and Integration of EU Strategies” and is coordinated by FEEM.

The CORE Conferences aim to bring together younger researchers, leading scientists and professionals to exchange knowledge on Corporate Social Responsibility (CSR) and related issues in a spirit of mutual learning and interdisciplinary understanding. The revised Lisbon Strategy can be successful if its implementation

involves adequately and effectively economic actors, nonprofit partners, network stakeholders, local communities, and civil society. In this setting, CSR holds the potential to stimulate corporate contributions towards the achievement of the set of goals identified by the Lisbon Strategy. The Conference addresses the following core questions: can CSR contribute to competitiveness? Which tools and practices characterizing CSR are more effective? Can CSR be a means towards social cohesion and an environmentally sustainable future?

The design of the Conference, balancing keynote speeches, paper presentations, discussions and informal talking, is explicitly aimed at maximizing interactions and learning opportunities for younger researchers. Leading scientists will be selected by direct invitation to introduce each Session with broad keynote speeches on the topics at stake. The Conference is organized around four thematic Sessions, each devoted to a specific topic.

For any information please contact Federica Viganò at federica.vigano@feem.it

DISCCRS III SYMPOSIUM

**Hawai’i Island
September 8-15, 2007**

The 2007 DISCCRS III poster has just been posted at:

<http://www.aslo.org/phd/disccrposter.pdf>

The DISCCRS website contains many details about the initiative and resources for climate-change scholars: <http://aslo.org/phd.html>

We encourage you to forward the poster, or the website address, widely to any organizations, groups or individuals interested in issues related to climate change and its impacts.

**Sue Weiler & Ron Mitchell
Co-PIs, DISCCRS**

DISCCRS is supported by the U.S. National Science Foundation through EAR-0435728 to Whitman College, C.S. Weiler PI, and EAR-0435719 to University of Oregon, R.B. Mitchell PI.

**ELECTRIC POWER RESEARCH INSTITUTE
(EPRI)**

Global Climate Change Research Seminar

**Washington Plaza Hotel
Washington, DC
May 31–June 1, 2006**

Background; This is the eleventh in a series of annual seminars presented by the Electric Power Research Institute (EPRI) Global Climate Change research group. The seminars communicate the latest global climate research findings of interest to the electricity industry and other organizations concerned with energy/environmental issues.

Who Should Attend? The seminar is open to attendance by representatives of industry, government, academia, and non-governmental organizations concerned with the issue of global climate change. The seminar will present material of interest to technical staff, managers, executives, and legislative representatives in those organizations.

Value: Participants benefit from the opportunity to hear first-hand accounts of current work directly from leading researchers. Issues are addressed from a number of perspectives, including the academic community, national laboratories, government agencies, environmental organizations, and EPRI researchers. Lunches and the evening reception offer numerous chances to interact directly with presenters and other participants.

Topics: This year's seminar includes sessions on motivating technology innovation (which includes a panel on incentives for technology innovation), constraints on greenhouse gas emissions, dealing with uncertainty in current generation investments, and the state of climate science (see preliminary agenda on back for a complete list of speakers and topics).

Technical Contact:
Richard Richels, 202.293.7510, RRichels@epri.com

Logistical Contacts:
Christopher Gerlach, 650.855.8579, Gerlach@epri.com
Ana Montes, 650.855.2165, AMontes@epri.com

GAME THEORY AND PRACTICE

**July 10-12, 2006
Zaragoza, Spain**

The 6th meeting on *Game Theory and Practice Dedicated to Development, Natural Resources and the Environment* will take place in Zaragoza, Spain on July 10-12, 2006. The meeting will be hosted by the Mediterranean Agronomic Institute of Zaragoza/CIHEAM (IAMZ-CIHEAM). A dedicated website has been developed and will be updated periodically:

<http://www.iamz.ciheam.org/GTP2006/>.

Following the first four biannual meetings on Game Theory Practice in Genoa (Italy, 1998), Valencia (Spain, 2000), Hilvarenbeek (The Netherlands, 2002) and Elche, (Spain, 2004), that were general in nature, and another meeting focusing on Game Practice and the Environment, that was held in Alessandria (Italy, 2002), the sixth meeting on Game Theory Practice (GTP) will focus on development, natural resources and the environment.

The purpose of the meeting is to demonstrate the usefulness of GT in these fields, as externalities among users and conflicts over allocation of basic natural resources such as land, water, and other resources are more frequent. Applications of GT techniques and methods to issues in water resource management (including transboundary water), fisheries, forestry, land management, global warming, pollution, migration (domestic and cross border), and alike, are sought.

It will include keynote presentations, presentations of contributed papers, round tables on joint research agenda, and several tutorials. A couple of scholarly reputable journals have been considering special issues as well as a publisher considering an edited book.

Organizing Committee:

Fioravante Patrone
Ariel Dinar
Jose Albiac
Joaquin Sanchez-Soriano
Rashid Sumaila

HEARTLAND ENVIRONMENTAL AND RESOURCE ECONOMICS (HERE)

*8th Annual Heartland Environmental
and Resource Economics (HERE) Workshop*

**Reiman Gardens
Ames, IA
September 17-18, 2006**

The eighth annual Heartland Environmental and Resource Economics (HERE) Workshop will be held in Ames, Iowa, at Reiman Gardens on September 17 and 18, 2006. With support from the U.S. Environmental Protection Agency, the annual workshop is an exciting two days of scholarship, debate, and learning, all in the relaxing atmosphere of Reiman Gardens at Iowa State University. Planning for a debate topic is underway and will be related to the policy relevance of experimental economics. Sign up at the website to make sure you get all HERE email announcements.

<http://www.card.iastate.edu/here/>

Workshop Coordinator:

Catherine Kling
Dept. of Economics and CARD
578 Heady Hall
Iowa State University
Ames, IA 50011-1070
ckling@iastate.edu
Telephone: (515) 294-5767

INTER-RESEARCH SCIENCE CENTER

First Inter-Research Symposium

*Death by a Thousand Coasts:
The Ethics of Climate Change*

**The Melrose Hotel
2430 Pennsylvania Avenue, NW
Washington, DC
November 24-26, 2006**

Environmental science in the past 50 years has demonstrated that the climate of Earth as a whole is warming. Polar and mountain ice is melting. Seas are warming and sea levels are rising. Deserts are expanding. Agricultural lands are being lost. Latitudinal distributions of tropical diseases and disease vectors have broadened. Many contemporary species of plant and animal have become

endangered, as their habitats are lost to climate change and urban (re)development. Tropical storms have become more powerful. Weather in general is now more variable in space, time, intensity and duration.

Abrupt (< 30 y) and devastating changes in climate have occurred in the past destroying human habitats, economies and civilizations. The speed of climate change is now matched to rates of economic transformation important for human survival and prosperity (30 y bonds, mortgages, etc.). Much of this world is of human making and the consequences of human action or inaction are now predictable to a reasonable degree of scientific certainty. We are ethically responsible for our ecosystems, our economies and our selves. We must act honorably.

Inter-Research Symposium # 1 will provide the best available evidence on six topics related to climate change.

1. Statement of probable effects of climate change over the next 100 years along with a statement of climate effects that may be less probable but are large in their consequences (for example, rapid ice melt on Greenland), and evidence of patterns and rates of polar ice formation during the late Miocene cooling of Earth to see how the system might unravel during warming.

2. Evidence of the effects of short and long term climate change on the fates of earlier human civilizations and on the fates of present day agriculture and animal husbandry.

3. Evidence of habitat loss, degradation/alteration and the processes by which species become endangered by climate change.

4. Economic changes and complex risk assessment/management required by climate change.

5. Structural changes in civic infrastructure/architecture and governments needed to respond effectively to climate change.

6. Substantial changes in geopolitics are necessitated by climate change. "Realpolitik" lies dead in the jaws of climate change, its assumptions (of anarchical international systems, sovereign state actors, paramount interests of nationalism, security and survival, and guarantees of state survival through relative--zero sum--military power) have been rendered a selective disadvantage.

This Symposium also will be a stage for the presentation of five international contest winners who submitted essays on the ethics of climate change in: business, law, medicine, religious studies and general interest.

More information is available at:
<http://www.ir-symposia.com/>

**INTERNATIONAL ASSOCIATION OF
AGRICULTURAL ECONOMICS (IAAE)**

*Contributions of Agricultural Economics to
Critical Policy Issues*

**Gold Coast Convention & Exhibition Centre
Queensland, Australia
August 12-18, 2006**

On behalf of the Australian Organizing Committee, representing both the International Association of Agricultural Economists (IAAE) and the Australian Agricultural and Resource Economics Society (AARES) we invite you to come to Australia and participate in IAAE-2006.

The 26th conference of the IAAE will be held at the Gold Coast Convention & Exhibition Centre, Queensland, Australia. This unique venue in Australia's premier east-coast tourist destination provides an excellent opportunity for agricultural economists worldwide to participate in a worthwhile professional conference, perhaps combined with a family vacation in Australia. Queensland is beautiful in August. The weather is warm, and the locals are friendly and welcome visitors.

We hope you can join us "down under" in August 2006 for what promises to be a truly excellent meeting, with ample opportunity for professional, social, and cultural exchange among agricultural economists and their families from all around the world. See our web page for complete information at: www.iaae2006.org

**Julian Alston | Philip Pardey | Malcolm Wegener
Australian Organizing Committee Representatives**

**SOUTHERN ECONOMIC ASSOCIATION
(SEA)**

Mark your calendar for the 2006 Annual Meeting of the Southern Economic Association (SEA) set for November 18-21, 2006, at the Charleston Place Hotel in Charleston, SC.

Information is available at:
<http://www.okstate.edu/economics/journal/south1.html/>

**THIRD WORLD CONGRESS OF
ENVIRONMENTAL AND RESOURCE
ECONOMISTS**

**Kyoto International Conference Hall
Kyoto, Japan
July 3-7, 2006**

The World Congress is an international conference with a focus on environmental and resource economics, which has been held twice since 1998. The third World Congress is organized by the Japanese Association of Environmental Economists (called the Society of Environmental Economics and Policy Studies (SEEPS)), the Association of Environmental and Resource Economists (AERE) and the European Association of Environmental and Resource Economists (EAERE), in cooperation with the Latin American and Caribbean Association of Environmental and Resource Economists (ALEAR).

The paper selection process has been finished and almost 700 papers from various countries and regions will be presented at the Congress. We will have keynote speeches by distinguished scholars, such as:

Elinor Ostrom, Indiana University: *Environmental Problems and Collective Action*

Clive W.J. Granger, University of California, San Diego: *Econometrics of the Dynamics of Tropical Deforestation*

Steve Polasky, University of Minnesota: *Economics of Biodiversity Conservation*

Geoffrey Heal, Columbia University: *Business and Environmental Responsibility*

We have also invited Joseph Stiglitz (Columbia University), Carlo Carraro (University of Venice),

Rajendra K. Pachauri (Intergovernmental Panel on Climate Change), Kejun Jiang (Energy Research Institute), and have planned a Symposium to discuss the Post-Kyoto regime of climate change.

Although the early registration closed on April 30, you can still register from our web site at:

<http://www.worldcongress3.org/>

I am looking forward to seeing you in Kyoto.

Takamitsu SAWA
Chair of the Organizing Committee
Kyoto University, Institute of Economic Research

ULVÖN CONFERENCE ON ENVIRONMENTAL ECONOMICS

**13th Ulvön Conference on
Environmental Economics**

**Ulvön, Sweden
June 19-21, 2006**

The main purpose of the Ulvön Conference on Environmental Economics is to provide a forum for the dissemination of high quality research in environmental economics. Ulvön is a small, attractive fishing hamlet, located on the Swedish east-coast, approximately 500 km North of Stockholm. The number of conference participants is typically about 30. A key purpose of the Ulvön meetings is to provide an opportunity for PhD students to interact with leading researchers in their field of specialization.

Speakers include:

Prof. Peter Berck, University of California, Berkeley
Prof. Nick Hanley, University of Stirling
Prof. Kaj Nyström, University of Umeå

Kaj Nyström will give a mini-course on Financial Methods for Financial Engineering.

Organizing Committee:

Runar Brännlund, SLU-Umeå and University of Umeå, Sweden
Bengt Kriström, SLU-Umeå, Sweden,
Karl-Gustaf Löfgren, University of Umeå, Sweden

ESSAY

What is W133, and How has Non Market Valuation Research Responded to Environmental and Resource Problems and Policies?

John Bergstrom, University of Georgia, and John Loomis, Colorado State University

Introduction and Overview

What the heck is W133? It is still a question many environmental economists frequently ask the authors. This essay will trace the co-evolution of W133 members' nonmarket valuation research with changes in federal economic and environmental policy to better inform the environmental economics community about what W133 is and what it does. Multi-state regional research projects such as W133 are tied to land grant universities and their respective Agricultural Experiment Stations. The federal Hatch Act (1862, 1887) established and provides research funds to state Agricultural Experiment Stations at land-grant universities. The USDA is the federal administrating agency for these Hatch Act funds. Some of the Hatch Act funds going to state Agricultural Experiment Stations are designated to support multi-state *regional research projects*. These regional research projects are organized around a particular research theme and objectives and are given a number (like W133) by the USDA for administrative tracking purposes. Regional research projects are re-chartered every five years. At the end of this essay we discuss current rechartering of W133 (now called W1133) and how interested individuals might get involved in this project.

W133 Research Themes and Objectives

The W133 regional research project has existed formally since at least 1975. The "W" in W133 stands for "Western" as this regional research project was originally organized in the Western U.S. with only the participation of Western state Agricultural Experiment Stations. The USDA does not restrict membership in regional research projects to a particular geographic area and over the years the W133 project has expanded to include official Agricultural Experiment Station representatives from states throughout the U.S. In addition, participation from "friends of W133" has included representatives from almost every U.S. state, and many federal agencies. Since its inception, the primary research theme of the W133 project has been the development and application of nonmarket valuation theory and techniques.

The roots of W133 can be traced back to the need for nonmarket valuation in benefit cost analysis. Legislation formalizing Benefit Cost Analysis (BCA) for water resources projects originated in the Federal Flood Control Act of 1936. However, it was the Federal Water Resources Planning Act of 1965 that officially recognized recreation as a project purpose, and hence created the need for economic values of recreation. This need was first addressed with Unit Day Values, but in 1973, the U.S. Water Resources Council Principles and Standards for Planning, suggested the travel cost method (TCM) could also be used for valuing recreation. However, unit day values were the fall back "...while recreation evaluation methodology is being further developed." (USWRC, 1973: 52). The 1973 Principles and Standards directly applied to water resource agencies such as U.S. Army Corps of Engineers, the U.S. Bureau of Reclamation, the Tennessee Valley Authority, the USDA Soil Conservation Service (now the USDA Natural Resource Conservation Service), as well as the U.S. Fish and Wildlife Service and the National Park Service. In 1979, the U.S. Water Resources Council expanded the recreation valuation techniques to include the contingent valuation method (CVM). During the era of the U.S. Water Resources Council Principles and Standards (1973; 1979), legislation was also passed which stimulated the need to estimate recreational values for inclusion in National Forest policy and planning (Forest and Rangeland Renewable Resources Planning Act of 1974 or RPA; National Forest Management Act of 1974).

Given the strong policy push described above for estimation of recreation values, it is not surprising that the first well documented record of W133 project was titled: "Outdoor Recreation and the Public Interest: Benefits and Costs in Federal and State Resource Planning". This project was made up of three objectives: (1) empirically apply the U.S. Water Resources Council recreation valuation methods—circa 1979 Principles and Standards; (2) compare and evaluate alternative Water Resource Council recreation Valuation Methods—TCM and CVM; and (3) develop regional recreation benefit models. Essentially, the project's goal was to

demonstrate that land grant universities and agencies could perform TCM and CVM as specified in the 1979 Principles and Standards and provide monetary values for recreation consistent with economic theory and welfare economics.

The Clean Water Act of 1972 and later amendments spurred a great deal of U.S. Environmental Protection Agency (EPA) interest in how the value of recreation changed with water quality. This moved the nonmarket valuation research agenda beyond estimating average per unit values of recreation, to estimating how the per unit value of recreation would change with changes in water quality. In response to this new research agenda, the W133 project title for the re-charter period 1986-1991 was broadened to “Benefits and Costs in Natural Resource Planning” with the following research objectives: (1) conceptually integrate market and non-market based valuation methods for application to land and water resources; (2) develop theoretically correct methodology for considering resource **quality** in economic models and for assessing the **marginal** value of competing resource base products; and (3) apply market and nonmarket based valuation methods to specific resource base outputs. Research conducted during this time period included estimating how the value of recreation would change with changes in instream flow, water quality, fishing and hunting quality, and the marginal value of another unit of quality such as fish catch, cfs, etc. The first regular proceedings started with the 1988 meeting and W133 membership in this re-charter period expanded nationally with representatives from Georgia, Maine, Maryland, Michigan and Wisconsin.

Because of the initial policy push, or emphasis, on outdoor recreation, the early years of the W133 project focused on theory and techniques for estimating *use values*. Policy initiatives and developments along two major pathways expanded interest and efforts to estimate *nonuse values*. One pathway was legislation giving special status to particular natural resources including wilderness (Wilderness Act, 1964), wild and scenic rivers (Wild and Scenic Rivers Act, 1968), wetlands (Clean Water Act, Section 404, 1972), and endangered species (Endangered Species Act, 1973). Another pathway was legislation allowing legal action to collect compensation for natural resource and environmental damages (Comprehensive Environmental Response, Compensation and Liability Act of 1980, or CERCLA). Interest in estimating the total economic value of preserving special natural resources such as wilderness and endangered species for application to policy and management (e.g., BCAs) and natural resource damage assessment gave rise to the need to explore theory and techniques for estimating nonuse values, notably stated

preference techniques such as CVM. Interest in estimating both use and nonuse values was also stimulated in the 1980s and early 1990s with creation of the Conservation Reserve Program (CRP) in the 1985 Federal Farm Bill and Wetlands Reserve Program (WRP) in the 1990 Federal Farm Bill.

About this same time period, Presidential Executive Order 12291 (1981) and subsequent Presidential Order 12866 (1993) were signed which require federal agencies to conduct benefit cost analysis on major regulations. This increased the demand for estimation of use and nonuse values by agencies such as the U.S. EPA, which needed these values for BCA faster than environmental economists could produce them (at least given the amount funding Congress gave EPA to conduct BCAs of regulations, or what are sometimes called Regulatory Impact Analyses). This gave rise to formalization of methods for transferring existing value estimates to new applications, or what became known as benefit transfer (Brookshire and Neil, 1992).

The increasing emphasis on estimation of both use and nonuse values and development of reliable benefit transfer methods were reflected in the re-chartering of W133 in 1992. The new title was “Benefit and Cost **Transfer** in Natural Resource Planning” and included the following specific objectives: (1) provide site specific use and **non-use** values of natural resources; (2) develop protocols for transferring values to unstudied resources including: water based recreation, groundwater protection, wetlands, and fisheries. Much of the benefit transfer work during this re-charter period focused on empirically validating benefits transfer protocols such as the study conducted by Loomis et al. (1995) for the U.S Army Corps of Engineers and Downing and Ozuna (1996).

The 1990s brought an unprecedented economic boom and cheap gas that led to increasing rates of suburban and exurban sprawl that was quickly devouring agricultural land and associated open space. In response, dozens of states, hundreds of local government agencies and land trusts responded with conservation easement and land acquisition programs. The federal Farm Bills in the 1990s expanded conservation provisions to address environmental concerns such as ground water quality, surface water quality, sustainable agriculture, loss of farmland and open space and recognized broader environmental planning area such as watersheds and ecosystems (Cain and Lovejoy, 2004). The increasing emphasis on issues that would resonate with urban voters including land conservation, water quality and other environmental concerns on “working landscapes” in recent federal Farm Bills has stimulated a need to value amenities

value of agricultural land as well as benefits of reducing non-point source pollution that affect surface and ground water quality. During the 1990s, the U.S. EPA, under its charge to protect drinking water under the Safe Water Drinking Act of 1974, also demonstrated increased concern over non-point source pollution of surface and ground water, including agricultural sources. Land grant universities responded with a coordinated research program, partly coordinated under W133.

In the 1990s, federal land management agencies also began embracing ecosystem management as a new perspective on public land management. The origins of this were in the Yellowstone area, but great impetus came with developing the President's Northwest Forest Plan for recovering of the Northern Spotted Owl (1993). Ecosystem management goes beyond multiple use, and requires use and nonuse values for a suite of outputs including valuation of entire ecosystems and their components. Valuation of ecosystem management of forests and watersheds was added as an element to W133. Besides TCM and CVM, use of multi-attribute valuation approaches such as conjoint became a popular way to address ecosystem management. Development and application of multi-attribute valuation approaches were also stimulated by federal, state and local legislation to protect agricultural land including the federal Farm (and Ranch, since 2002) Lands Protection Program, or FRPP, initiated in the 1996 Federal Farm Bill. Reflecting a broadening of the research agenda to both public and private resource valuation and management issues, the W133 project for the next re-charter (1998-2001) was changed to "Benefits and Costs of Resource Policies Affecting Public and Private Lands." The objectives of the re-chartered project were to: (1) estimate benefits and costs of agro-environmental policies; (2) assess benefits transfer for groundwater quality programs; (3) value ecosystem management of forests & watersheds; and (4) value changes in recreational access. As in previous years, work on these objectives led to numerous publications by W133 members including an edited book on ground water quality valuation with W133 members as chapter contributors (Bergstrom, Boyle and Poe, 2001).

The 1990s saw an explosion of motorized recreational vehicles on land (SUVs, ATV's, 4-Wheelers, on water (jet skis), and on snow (more powerful snowmobiles). Agencies such as the National Park Service, USDA Forest Service and Bureau of Land Management began responding to the resource damage caused by these motorized land vehicles and the water pollution of jet skis. Soon the agencies began proposing to close down areas previously open to motorized recreation to protect soils, water quality, wildlife and to

minimize user conflicts. This presented an interesting twist to environmental economists, as recreational user conflicts pitted two nonmarket uses against one another. Nonmarket valuation research could contribute to this policy issue and debate by providing comparable values for both motorized and non-motorized recreation. This led to the addition of a W133 project objective to investigate the trade-offs in access for motorized and non-motorized recreation use values.

Although the federal Farm (and Ranch) Lands Protection Program was initiated in the 1996 federal Farm Bill, major funding for agricultural land conservation easements under the program were not provided until the 2002 federal Farm Bills. This stimulated greater interest in examining how different agricultural land attributes (e.g., pasture land vs. row crops) contribute to public land conservation values. Conjoint and related attribute based valuation methods along with hedonic property methods were ideally suited to answering these questions. As a response to the above policy issues, the 2002-2006 W133 re-charter entitled "Benefits and Costs of Resource Policies Affecting Public and Private Lands" with a new number (W1133) included the following objectives: (1) estimate the economic benefits of ecosystem management of forests and watersheds; (2) calculate the benefits and costs of agro-environmental policies; (3) estimate the economic value of changes in recreational access for motorized and non-motorized recreation; and (4) estimate economic values of agricultural land preservation and open space.

As noted in a previous issue of the AERE newsletter, there is a growing awareness of the central importance of ecosystem services for maintaining natural environments on public land and private lands (National Research Council, 2005; Millennium Ecosystem Assessment, 2005). Federal agencies such as the USDA Forest Service are officially recognizing the importance of valuation of ecosystem services, but interdisciplinary techniques for conducting such studies are in their infancy.

Over the course of the last 25 years of W133, we surmise that hundreds of journal articles, book chapters and other professional publications have been authored by W133 members that relate to the objectives of W133. (We have just mentioned a very selective few as examples.) W133 research is also documented in our annual proceedings, dating back to 1988. The 2005 proceedings are now available on-line at: (www.ext.nodak.edu/homepages/aedept/aemisc/Proceedings-W1133.pdf). Paper copies of previous meetings proceedings may be available at State Agricultural

Experiment Station offices or libraries at member land grant universities.

Future of W133 (W1133)

At the time of this writing, what is now called W1133 is considering updating its objectives for the next five years. It appears that three broad objectives that can address a wide variety of current and emerging policies will be considered. These include: (a) natural resource management under uncertainty; (b) value of information and benefit transfer; (c) valuation of ecosystem services. Under each of these broad objectives, much of the past work on agricultural land preservation, benefit transfer and methodological innovation in nonmarket valuation will continue.

USDA guidelines for Regional Research Projects like W1133 have become more liberal by allowing formal participation in them by nonland grant schools, and state and federal agencies. U.S. institutions interested in participating in W1133 over the next five years may contact Randy Rosenberger at Oregon State University by **June 15, 2006**.

(R.Rosenberger@oregonstate.edu).

For more information about W1133, go to <http://www.nimss.umd.edu/> and do a search for "W1133". We strongly encourage U.S. government and state agency attendance in our meetings, which are typically in February or March of each year and open to both members (formal) and friends (informal). If you would like to join W1133's email listserve, please send a note to Rosenberger. We look forward to you joining us at next year's meeting!

References

- Bergstrom, John, Kevin Boyle and Greg Poe. 2001. *The Economic Value of Water Quality*. Edward Elgar. Northampton, MA.
- Brookshire, David and Helen Neil. 1992. Benefit transfers: conceptual and empirical issues. *Water Resources Research* 28(3):651-655.
- Cain, Zachary and Stephen Lovejoy. 2004. History and outlook for farm bill conservation programs. *Choices*, 19 (4): 37-42.
- Downing, Mark and Teofilo Ozuna. 1996. Testing the Feasibility of Intertemporal Benefit Transfer Within and Across Geographic Regions. *Journal of Environmental Economics and Management* 30: 316-322.
- Loomis, John, Brian Roach, Frank Ward and Richard Ready. 1995. Testing Transferability of Recreation Demand Models Across Regions: A Study of Corps of Engineer Reservoirs. *Water Resources Research*, 31(3):721-730.
- Millennium Ecosystem Assessment. 2005. *Ecosystems and Human Well-being: Synthesis*. Island Press, Washington DC.
- National Research Council. 2005. *Valuing Ecosystem Services*. The National Academies Press, Washington DC.
- U.S. Water Resources. 1973. Principles, Standards, and Procedures for Water and Related Land Resource Planning. Federal Register 38: 24778-24869. September 10, 1973.
- U.S. Water Resources. 1979. Procedures for Evaluation of National Economic Development (NED): Benefits and Costs of Water Resources Planning (Level C) Final Rule. Federal Register 44(242): 72892-977.
- U.S. Water Resources Council. 1983. Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies. U.S. Government Printing Office, Washington DC.

BULLETIN BOARD

DIRECTOR GRAHAM ENVIRONMENTAL SUSTAINABILITY INSTITUTE UNIVERSITY OF MICHIGAN, ANN ARBOR

The University of Michigan (UM) seeks a full-time Director for its newly created Graham Environmental Sustainability Institute. The Graham Institute is a University-wide unit with the mission of promoting interdisciplinary research and education in environmental sustainability related fields, providing financial support to encourage outstanding students to incorporate environmental sustainability issues into their studies, and developing outreach programs that demonstrate the University's environmental sustainability commitment. UM is exceptionally well positioned to lead both research and educational efforts in environmental sustainability. Presently, over 300 faculty members in seven schools focus on environmental sustainability related research and education, including studies in the biological, physical, and social sciences; engineering and design, business, public health, and policy.

UM is seeking an outstanding individual at the full professor level to provide leadership in environmental sustainability that will: (1) increase interdisciplinary research and educational opportunities; (2) attract the best students and researchers to the University of Michigan; (3) support and encourage new courses and degree programs at both the undergraduate and graduate level; and (4) develop new strategic initiatives.

The Graham Institute Director will have a faculty appointment(s) in his/her field(s) of scholarly expertise, and as the Institute Director, report to the Office of the Provost. The qualifications of the successful candidate should include a combination of:

- National/international recognition as a researcher and educator in a discipline(s) related to environmental and environmental sustainability studies.
- A demonstrated ability to promote research and educational collaboration across diverse disciplines.
- Administrative experience, including the ability to develop new funding opportunities.

- A demonstrated ability to forge effective relationships among the Institute's constituencies, including academia, industry, non-governmental organizations, and governmental agencies.

Nominations and applications will be confidentially reviewed and accepted until the position is filled. Individuals from underrepresented groups are encouraged to apply. Application materials should include a letter addressing how the candidate's experience matches the position requirements, a curriculum vitae, and a vision statement. Materials and inquiries should be submitted, preferably electronically, to:

Deborah Goldberg
Professor and Chair, Ecology and Evolutionary Biology
Chair, Graham Institute Director Search Advisory
Committee
University of Michigan
5086 Fleming Administration Building
Ann Arbor, MI 48109-1340
gesi.search.chair@umich.edu

The University of Michigan is an equal opportunity/affirmative action employer.

ECONOMIST URS CORPORATION

URS Corporation is currently seeking an Economist for its Gaithersburg, MD office. The qualified candidate must have a Bachelor's degree in Economics or a related field. A master's degree is a plus. Up to 5 years of professional experience in economics or a similar environment is required. The candidate must have strong interpersonal and communication skills, both oral and written. Must be able to work on a variety of complex projects simultaneously with minimal supervision. The ability to understand complex situations and synthesize solutions is necessary. The candidate must have strong writing and editing skills, particularly with regard to technical documents, specifically those that are designed to relate complex materials to lay audiences.

The Economist will perform economic and socioeconomic analyses for a variety of flooding, navigation,

recreation, environmental, and utility siting studies.

For immediate consideration, please apply online at www.urscorp.com and refer to requisition no URS9137. No phone calls please.

**SENIOR CLIMATE ECONOMIST/ANALYST
UNION OF CONCERNED SCIENTISTS**

The Union of Concerned Scientists seeks a senior economist to lead UCS's efforts to bring sound economics to bear on developing and building support for strong policies to mitigate against climate change. UCS is an alliance of concerned citizens and scientists; we augment rigorous scientific analysis with innovative thinking and advocacy to build a cleaner environment and safer world. The economist will evaluate the economic feasibility of various climate policy approaches at the state, regional and federal levels, as well as the integration of U.S. and international emissions limitation regimes and the costs of climate change impacts.

Applicants must be able to work collaboratively with policy experts, be well versed in the use of major economic models in analyzing the costs and benefits of energy and environmental policies, and skilled at communicating the results of such analysis to non-economists, policymakers and the public. Candidates should have a doctorate (preferred) or other advanced degree in economics or financial analysis, and at least five years of relevant experience on environmental and energy topics.

For more complete information please see the job posting on our web site: www.ucsusa.org. To apply please send a letter of interest, resume, and writing sample to climatejobs@ucsusa.org

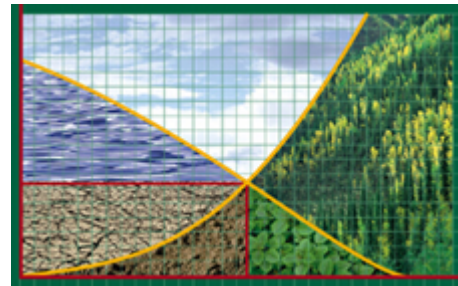
1707 H St NW, Suite 600
Washington DC 20006-3962
202-331-5424 (Direct)
202.223.6162 (fax)
www.ucsusa.org

**ENVIRONMENTAL ECONOMICS
PROGRAM
AT HARVARD UNIVERSITY**

The Environmental Economics Program at Harvard University (EEPHU) 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. EEPHU 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 EEPHU's website at:

www.ksg.harvard.edu/cbg/eephu/



***JOURNAL OF AGRICULTURAL AND AND
RESOURCE ECONOMICS***

The new editors of the *Journal of Agricultural and Resource Economics* (Dave Lambert, North Dakota State University; George Davis, Texas A&M University; and Douglas Larson, University of California, Davis) seek to encourage submissions of high quality manuscripts on resources and environmental topics. Information on the aims and scope of the Journal, as well as submission guidelines, can be found online at www.jareonline.org.

**NATIONAL RESEARCH COUNCIL
OF THE NATIONAL ACADEMIES**

The National Research Council of the National Academies is accepting applications for a postdoctoral research award tenable at the US Environmental Protection Agency's Office of Research and Development, National Risk Management Research Laboratory, Cincinnati, OH. Duration of award is one year, renewable for up to three years maximum. Award includes competitive stipend, relocation, professional travel and health insurance.

Focus of research will be the feasibility of using wetlands in a water quality trading program. Wetland mitigation banking and trading have been a part of land-use policy for more than a decade in the US EPA's Office of Research and Development. Interest is in determining the effectiveness of wetland offsets, trading and mitigation as it pertains to the goals of the Clean Water Act. Nonpoint source nutrient loading from urban and agricultural interests that can be ameliorated by constructed or natural wetlands is the primary impact being studied in this research. General areas to be addressed include how discounting, intergenerational equity, banking, spatial fragmentation, scaling issues, and trading ratios figure into a successful wetland-based nutrient reduction incentive program.

Prospective applicants are encouraged to visit the NRC Web site at www.national-academies.org/rap, select "Rap Search," select US Environmental Protection Agency for "Agency Name" and Thurston for "Adviser." Applications must be submitted online directly to the NRC. CVs will not be accepted in lieu of online applications. Annual application deadlines are May 1, August 1, November 1, and February 1 for reviews in mid-June, mid-September, early January and mid-March. Questions can be directed to 202-334-2760 or rap@nas.edu.

**ASSOCIATION OF ENVIRONMENTAL AND RESOURCE ECONOMISTS
2006 OFFICERS AND BOARD OF DIRECTORS**

OFFICERS

President:

Prof. Richard T. Carson
Department of Economics, 0508
University of California, San Diego
San Diego, CA 92093-0518
Telephone: 858-534-1055
Facsimile: 858-534-7040
E-mail: rcarson@weber.ucsd.edu

President-Elect:

Dr. Trudy Ann Cameron
Department of Economics, 435 PLC
University of Oregon
Eugene, OR 94720-3310
Telephone: 541-346-1242
Facsimile: 541-346-1243
E-mail: cameron@uoregon.edu

Vice President:

Dr. Stephen Polasky
Dept. of Applied Economics
University of Minnesota
1994 Buford Avenue
St. Paul, MN 55108
Telephone: 612-625-9213
Facsimile: 612-625-2729
E-mail: spolasky@umn.edu

Secretary:

Dr. Ann Wolverton
National Center for Environmental Economics
U.S. Environmental Protection Agency
1200 Pennsylvania Ave., NW, MC 1809T
Washington, DC 20460
Telephone: 202-566-2278
Facsimile: 202-566-2338
E-mail: wolverton.ann@epa.gov

Treasurer:

Dr. Ian W. H. Parry
Resources for the Future
1616 P Street, N.W.
Washington, DC 20036
Telephone: 202-328-5151
Facsimile: 202-939-3460
E-mail: parry@rff.org

January 2006

BOARD OF DIRECTORS

Dr. Kevin J. Boyle (1/1/04-12/31/06)
Dept. of Agricultural and Applied Economics
Virginia Polytechnic Institute and State University
208 Hutcheson Hall (0401)
Blacksburg, VA 24061
Office Telephone: 540-231-6301
Office Fax: 540-231-7417
E-mail: kjboyle@vt.edu

Prof. Madhu Khanna (1/1/04-12/31/06)
Dept. of Agricultural and Consumer Economics
University of Illinois, Urbana-Champaign
1301 West Gregory Drive
440 Mumford Hall
Urbana, IL 61801
Telephone: 217-333-5176
Office Fax: 217-333-5538
E-mail: khanna1@uiuc.edu

Dr. J.R. DeShazo (1/1/06-12/31/08)
School of Public Policy
University of California at Los Angeles
3250 Public Policy Bldg, Box 951656
Los Angeles, CA 90095-1656
Office Telephone: 310-206-6717
Office Fax: 310-206-0337
E-mail: deshazo@ucla.edu

Dr. Alan Krupnick (1/1/05-12/31/07)
Resources for the Future
1616 P Street NW
Washington, DC 20036
Telephone: 202-328-5107
Fax: 202-939-3460
E-mail: krupnick@rff.org

Dr. Gloria Helfand (1/1/06-12/31/08)
School of Natural Resources and Environment
University of Michigan
Ann Arbor, MI 48109-1041
Office Telephone: 734-764-6529
Office Fax: 734-936-2195
E-mail: ghelfand@umich.edu

Dr. Marca Weinberg (1/1/05-12/31/07)
USDA Economic Research Service
Resource and Environmental Policy
1800 M Street NW, Room S4020
Washington, DC 20036
E-mail: weinberg@ers.usda.gov
Telephone: 202-694-5470
Fax: 202-694-5776

EX-OFFICIO MEMBERS

Executive Director:

Ms. Marilyn M. Voigt
AERE Business Office
1616 P Street NW, Box 6
Washington, DC 20036
Office Telephone: 202-328-5125
Office Fax: 202-939-3460
E-mail: voigt@rff.org

Editor of REEP:

Robert N. Stavins
John F. Kennedy School of Government, Harvard
University
79 John F. Kennedy Street, Room L-306
Cambridge, Massachusetts 02138
Telephone: 617-495-1820
Fax: 617-496-3783 E-Mail: robert_stavins@harvard.edu

Managing Editor of JEEM:

Dr. Charles F. Mason
Department of Economics and Finance
University of Wyoming
1000 E. University Avenue
Laramie, WY 82071-3985
Office Telephone: 307-766-5336
Office Fax: 307-766-5090
E-mail: bambuzlr@uwyo.edu