PROGRAM

2ND WORLD CONGRESS OF ENVIRONMENTAL AND RESOURCE ECONOMISTS

Monterey, CA USA
June 24-27, 2002
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
<th>Session 3</th>
<th>Session 4</th>
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</thead>
<tbody>
<tr>
<td>08:00 am</td>
<td>1A: Climate Change 1</td>
<td>2A: Climate Change 2</td>
<td>3A: Climate Change 3</td>
<td>4A: Climate Change 4</td>
</tr>
<tr>
<td>09:00 am</td>
<td>1B: Microeconomics of Deforestation</td>
<td>2B: Environmental Valuation 1</td>
<td>3B: Environmental Valuation 2</td>
<td>4B: Green Accounting</td>
</tr>
<tr>
<td>10:00 am</td>
<td>1C: Forest 1</td>
<td>2C: Forest 2</td>
<td>3C: Tropical Deforestation: Issues, Research and Policy Prescriptions</td>
<td>4C: Forest 3</td>
</tr>
<tr>
<td>11:00 am</td>
<td>1D: Endangered Species 1</td>
<td>2D: Resource Management Issues</td>
<td>3D: Growth</td>
<td>4D: Development &amp; Environment 1</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>1E: Bioeconomic Modeling</td>
<td>2E: Recreation</td>
<td>3E: Lobbying</td>
<td>4E: Environmental Valuation 3</td>
</tr>
<tr>
<td>01:00 pm</td>
<td>1F: Pollution Control 1</td>
<td>2F: Pollution Regulation 1</td>
<td>3F: The geography of pollution: Environmental Justice and Federalism</td>
<td>4F: Pollution Regulation 2</td>
</tr>
<tr>
<td>03:00 pm</td>
<td>1H: Agriculture, Environment and Food Safety</td>
<td>2H: Consumer Demand for Quality</td>
<td>3H: Consumer Valuation of Risk</td>
<td>4H: Food Safety Regulation from Domestic and Int’l Perspectives</td>
</tr>
<tr>
<td>04:00 pm</td>
<td>1I: Social Norms</td>
<td>2I: Agricultural Conservation</td>
<td>3I: Land Management</td>
<td>4I: Hedonic Models 1</td>
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<tr>
<td>05:00 pm</td>
<td>2I: Agricultural Conservation</td>
<td>3I: Land Management</td>
<td>4I: Hedonic Models 1</td>
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</table>

**Monday, June 24th 2002**

11:45 - 1:00 pm Steinbeck Forum: Partha Dasgupta: Discounting: Public vs. Private and Constant vs. Hyperbolic

1:00 - 2:15 pm Lunch in San Carlos III and IV or Memory Garden

10:00 - 10:15 Break - Coffee and Tea

10:15 - 12:00 Break - Soft Drinks
<table>
<thead>
<tr>
<th>Time</th>
<th>Room Change</th>
<th>San Carlos 1</th>
<th>San Carlos 2</th>
<th>Colton Combined</th>
<th>Ferrante Combined</th>
<th>Ferrante 3</th>
<th>Los Angeles</th>
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</thead>
<tbody>
<tr>
<td>08:00 am</td>
<td>Parallel Session 05</td>
<td>5A: Water</td>
<td>5B: New Developments in Forestry &amp; Agricultural Carbon Sequestration Economics</td>
<td>5C: Household Issues</td>
<td>5D: Development &amp; Environment</td>
<td>5E: Technology Adaptation</td>
<td>5F: Experimental Economics and Valuation I</td>
</tr>
<tr>
<td>09:00 am</td>
<td>Plenary Session 06</td>
<td>6A: Renewable Resources</td>
<td>6B: Environmental Taxation 1</td>
<td>6C: Environmental Regulation 2</td>
<td>6D: Transition Economies</td>
<td>6E: Environmental Regulation 1</td>
<td>6F: Experimental Econ. &amp; the Environment: Past, Present, and Future</td>
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<tr>
<td>10:00 am</td>
<td>Plenary Session 06</td>
<td>7A: Preferences for the Environment</td>
<td>7B: Natural Resource Scarcity</td>
<td>7C: Residuals Management</td>
<td>7D: Air Pollution and Human Health</td>
<td>7E: Experimental Economics and the Environment II</td>
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<tr>
<td>12:00 pm</td>
<td>11:45 - 1:00 pm Steinbeck Forum: Daniel McFadden - How to Value Environmental Actions</td>
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<td>01:00 pm</td>
<td>1:00 - 2:15 pm Lunch in Memory Garden</td>
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<td>02:00 pm</td>
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<td>03:00 pm</td>
<td>Parallel Session 07</td>
<td>5A: Water</td>
<td>5B: New Developments in Forestry &amp; Agricultural Carbon Sequestration Economics</td>
<td>5C: Household Issues</td>
<td>5D: Development &amp; Environment</td>
<td>5E: Technology Adaptation</td>
<td>5F: Experimental Economics and Valuation I</td>
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<td>04:00 pm</td>
<td>4:15 - 4:30 pm Break - Soft Drinks</td>
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<td>06:00 pm</td>
<td>Parallel Session 08</td>
<td>5A: Water</td>
<td>5B: New Developments in Forestry &amp; Agricultural Carbon Sequestration Economics</td>
<td>5C: Household Issues</td>
<td>5D: Development &amp; Environment</td>
<td>5E: Technology Adaptation</td>
<td>5F: Experimental Economics and Valuation I</td>
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<td>08:00 am</td>
<td>9A: Biodiversity I</td>
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<td>9B: Consumer Choice</td>
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<td>10:00 am</td>
<td>9C: Permits</td>
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<td>11:00 am</td>
<td>10A: Biodiversity II</td>
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<td>01:00 pm</td>
<td>10C: Environmental Policy Issues</td>
<td>Ferrante 1</td>
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<td>02:00 pm</td>
<td>10D: Trade and the Environment</td>
<td>Ferrante 2</td>
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<td>03:00 pm</td>
<td>10E: Environmental Valuation / Cities</td>
<td>Ferrante 3</td>
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<td>04:00 pm</td>
<td>10F: Environmental Regulation</td>
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<td>05:00 pm</td>
<td>10G: Pollution Regulation 4</td>
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<td>06:00 pm</td>
<td>10H: Pollution Regulation 3</td>
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Wednesday, June 26th 2002

11:45 - 1:00 pm Lunch in San Carlos III and IV or Memory Garden

1:00 - 2:00 pm Lunch in San Carlos III and IV or Memory Garden

4:15 - 4:30 pm Break - Soft Drinks

11:45 - 1:00 pm Steinbeck Forum: Martin Weitzman: Income and Sustainability
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session 14</th>
<th>Session 15</th>
<th>Session 16</th>
<th>Session 17</th>
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</thead>
<tbody>
<tr>
<td>08:00 am</td>
<td>San Carlos I</td>
<td>14A: The Economics of Urban Sprawl and Land Use Change</td>
<td>15A: Spatial Modelling</td>
<td>16A: Dealing with Transport Externalities in a Second Best World 1</td>
<td>17A: Dealing with Transport Externalities in a Second Best World 2</td>
</tr>
<tr>
<td>09:00 am</td>
<td>San Carlos 2</td>
<td>14B: Air Pollution and Climate Change in Asia</td>
<td>15B: Sustainable Development 2</td>
<td>16B: Climate Change 8</td>
<td>17B: Classical Issues</td>
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<td>Colton 1</td>
<td>14C: Agriculture</td>
<td>15C: Pollution Control and Incentive Effects</td>
<td>16C: Hedonic Models 2</td>
<td>17C: Environmental Valuation 11</td>
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<td>Colton 2</td>
<td>14D: Climate Change 7</td>
<td>15D: Fisheries 2</td>
<td>16D: Side Effects of Pollution Control</td>
<td>17D: Pollution Regulation 5</td>
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<td>Ferrante 3</td>
<td>14H: Pollution Control and Uncertainty</td>
<td>15H: Environmental Valuation 10</td>
<td>16H: Resource Management</td>
<td>17H: Health Effects</td>
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<td>Los Angeles</td>
<td>14I: Forest 4</td>
<td>15I: Water &amp; Development 1</td>
<td>16I: Ecolabelling</td>
<td>17I: Risk</td>
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</tbody>
</table>

**Thursday, June 27th 2002**

10:00 - 10:15 Break - Coffee and Tea

11:45 - 1:00 pm Steinbeck Forum: Kenneth Arrow: Paradoxes of Sustainability: Theoretical and Empirical

1:00 - 2:15 pm Lunch in San Carlos III and IV or Memory Garden

4:15 - 4:30 pm Break - Soft Drinks
SECOND WORLD CONGRESS OF ENVIRONMENTAL AND RESOURCE ECONOMISTS

Sunday, June 23rd 2002 - 5:00 - 8:00 pm

Cocktail Reception in the Ferrantes Bayview Room, Marriott Hotel, 10th floor, Blues Band: "Dr. Keynes and the Blues Equations" (alias Nick Hanley and friends).

Parallel Session 01 Monday, June 24th 2002 - 8:00 - 10:00 am

Session 1A: Climate Change 1 (Chair: Henk Folmer)

Carsten Helm, Christoph Böhringer. On The Fair Division Of Greenhouse Gas Abatement Cost (Discussant: Cornelis Van Kooten)


Philippe Quirion. Complying With The Kyoto Protocol Under Uncertainty: Taxes Or Tradable Permits? (Discussant: Carmen Marchiori)

Christoph Böhringer. Climate Politics From Kyoto To Bonn: From Little To Nothing? (Discussant: Andries Nentjes)

Session 1B: Microeconomics Of Deforestation (Chair: Shanti Gamper Rabindran)

Alix Peterson Zwane. Does Poverty Constrain Deforestation? Econometric Evidence From Peru (Discussant: Arild Angelsen)

Monica Fisher, Gerald Shively. Activity Choice, Labor Allocation And Forest Use In Malawi (Discussant: David Kaimowitz)

Yoshito Takasaki, Brad Barham, Oliver Coomes. Risk Coping Strategies In Topical Forests: Floods, Asset Inequality, And Natural Resource Extraction (Discussant: Tom Reardon)

Shanti Gamper Rabindran. The Role Of Education & Expenditure Shocks In Forest Clearance Empirical Evidence From Indigenous Households In Bolivia's Protected Areas (Discussant: Douglas Southgate)

Session 1C: Forest 1 (Chair: Karl-Gustaf Lofgren)

Aldo Cerda Molina, Valentina Lira. The Economics Of Sustainable Forest Management Certification (Discussant: Keith Knapp)


Subhrendu K Pattanayak, D. T Butry. Complementarity Of Forests And Farms: A Spatial Econometric Approach To Ecosystem Valuation In Indonesia (Discussant: Tracy Boyer)

Ville Malkonen. Timber Importing Versus Bargaining And Optimal Forest Conservation (Discussant: Gregory Amacher)

Session 1D: Endangered Species 1 (Chair: Dan Huppert)

Frank Wätzold, Karin Johst, Martin Drechsler. An Ecological-Economic Modelling Procedure To Design Compensation Payments For The Efficient Spatio-Temporal Allocation Of Species Protection Measures (Discussant: Mario Teisl)


Anne Borge Johannesen. Conservation Policies And Incentives To Hunt: An Empirical Analysis Of Illegal Hunting In Western Serengeti, Tanzania (Discussant: Erin Sills)

Mattias Boman, Jens Persson, Goran Bostedt. The Bioeconomics Of The Spatial Distribution Of An Endangered Species - The Case Of The Swedish Wolf Population (Discussant: James Shortle)

Session 1E: Bioeconomic Modeling (Chair: Peder Andersen)
David Finnoff, John Tschirhart. *Harvesting In An Eight Species Ecosystem* (Discussant: Niels Vestergaard)

Amitrajeet A Batabyal, Basudeb Biswas, E. Bruce Godfrey. *A Dynamic And Stochastic Perspective On The Role Of Time In Range Management* (Discussant: Iovanna Richard)

Carolyn Fischer. *The Complex Interactions Of Markets For Endangered Species Products* (Discussant: Wolfram Schlenker)

Rögnvaldur Hannesson. *Aquaculture And Fisheries* (Discussant: Ivar Strand)

**Session 1F: Pollution Control 1** (Chair: Nathaniel Keohane)

Rimjhim Aggarwal, Erik Lichtenberg. *Environmental Regulation In Vertically Coordinated Industries* (Discussant: Albert Schram)


Hongli Feng. *Alternative Intertemporal Permit Trading Regimes With Stochastic Abatement Costs* (Discussant: Eirik Romstad)

Angels Xabadia, Renan Goetz, David Zilberman. *Dynamics Of Controlling Pollution Stock When Producers Are Heterogeneous* (Discussant: John Antle)

**Session 1G: Assessing Economic Impacts On Aboriginal People: Environmental Valuation And Damage Assessment In A Cross Cultural Context.** (Chair: W. L. Adamowicz)


Philip Meyer. *Setting Up Accounts And Framing Valuation Enquiries In A Cross-Cultural Setting: Lessons From Snake River And Beyond. (Discussant: Tom Brown)*

Armando Gonzalez-Caban, Halyley Hessel, John Loomis. *Cvm To Native Americans In Montana: How Well Did It Work? (Discussant: Kimberly Rollins)*

John Duffield, Chris Neher, David Patterson. *Valuing Foregone Tribal Use: A Case Study Of The Penobscot Nation. (Discussant: Dale Whittington)*

**Session 1H: Agriculture, Environment And Food Safety** (Chair: Sandra Hoffmann)

Andreas Boecker. *Public Health And The Use Of Antibiotics In Animal Husbandry* (Discussant: Silvia Secchi)

Alain Carpentier, Karine Latouche, Pierre Rainelli. *Food Safety In The Demand For Meat Quality: The Case Of Pork Chops In France* (Discussant: Gary Thompson)


David Sunding, Sean Cash, David Zilberman. *Pesticide Use And Food Safety* (Discussant: Elise Golan)

**Session 1I: Social Norms** (Chair: Basil Sharp)

Mario Cogoy. *Dematerialisation, Time Allocation, And The Service Economy* (Discussant: Ignacio Correas)

Joelle Noailly, Jeroen Van Den, Cees Withagen. *Spatial Evolution Of Social Norms In A Common-Pool Resource Game* (Discussant: Daniel Rondeau)

Maria Xosé Vázquez Rodríguez, Carmelo J León. *Altruism And The Economic Values Of Environmental And Social Policies* (Discussant: Mireille Chiroleu-Assouline)

Rabindra Nath Chakraborty. *Egalitarianism And Resource Conservation In Hunter-Gatherer Societies* (Discussant: Rolf Groeneveld)
### Parallel Session 02 Monday, June 24th
2002 - 10:15 - 11:45 am

<table>
<thead>
<tr>
<th>Session 2A: Climate Change 2 (Chair: Ralph D'Arge)</th>
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<tbody>
<tr>
<td>Till Requate, Ulf Moslener. <em>Optimal Abatement Strategies For Various Interacting Greenhouse Gases</em></td>
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<tr>
<td>Christophe Pereau, Sandrine Mathy, Tarik Tazdait. <em>Possibility Of Scission In The Climate Change Negotiations</em></td>
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<tr>
<td>Camilla Bretteville, Fredric Menz. <em>Is The Kyoto Protocol Necessary For Climate Control?</em></td>
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<tr>
<td>Jean-Charles Hourcade, Frédéric Ghersi. <em>The Economics Of A Lost Deal</em></td>
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<td>Andries Nentjes, Ger Klaassen. <em>On The Quality Of Compliance Mechanisms In The Kyoto Protocol</em></td>
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<td>Stephane De Cara, Gilles Rotillon. <em>Strategic Dimensions Of Multi-Greenhouse Gas International Agreements</em></td>
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<tr>
<th>Session 2B: Environmental Valuation 1 (Chair: Douglas Shaw)</th>
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<tbody>
<tr>
<td>Anna Alberini, Alberto Longo, Peter Meyer, Stefania Tonin. <em>The Role Of Liability, Regulation And Economic Incentives In Brownfield Remediation And Redevelopment: Evidence From Surveys Of Developers In Europe And The Us.</em></td>
</tr>
<tr>
<td>John C Whitehead, Timothy C Haab, George R Parsons. <em>The Effects Of Information Conveyance On Risk Perceptions, Demand And Willingness To Pay</em></td>
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<tr>
<td>Ted Gayer, Jeffrey Zabel. &quot;Objective&quot; Versus &quot;Subjective&quot; Environmental Risks: The Case Of Superfund Sites In Woburn, Massachusetts</td>
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<tr>
<th>Session 2C: Forest 2 (Chair: Chantal Carpentier)</th>
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<tbody>
<tr>
<td>Heidi J Albers, Elizabeth J. Z Robinson, Jeffrey C Williams. <em>Property Rights And Extraction In Government Forests In Developing Countries: Spatial And Temporal Considerations</em></td>
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<tr>
<td>Jeffrey P Prestemon. <em>The Economics Of Timber Salvage After Catastrophic Wildfire: The Case Of The Bitterroot Timber Salvage</em></td>
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<tr>
<td>Madhusudan Bhattarai, Machael Hammig. <em>Governance, Economic Policy, And The Environmental Kuznets Curve For Natural Tropical Forests</em></td>
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<tr>
<td>Bobur Alimov. <em>European Union's Generalized System Of Preferences And Tropical Deforestation: The Perfect Bayesian Equilibrium In A Signaling Game</em></td>
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<td>U A D P Gunawardena, G Edwards-Jones. <em>Spatial Variation Of Non-Use Values Of Tropical Rain Forests: Identification Of Intrinsic Vs. Perceived Motives For Conservation</em></td>
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<tr>
<td>Margaret Insley, Kimberly Rollins. <em>The Effect Of Harvesting Restrictions On The Value Of A Timber Investment With Uncertain Prices</em></td>
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<tr>
<td>Pamela J Mason, Duncan J Knowler. <em>Sustainable Multiple-Use Forest Management: An Analysis Of The Terai Forests Of Nepal</em></td>
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<th>Session 2D: Resource Management Issues (Chair: Keith Knapp)</th>
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<tr>
<td>Anne Rozan, Anne Stenger, Marc Willinger. <em>The Effect Of Heavy Metal Content On Food Pricing Behaviour: Bdm Versus Second Price Auction</em></td>
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<tr>
<td>David S Brookshire, Philip Ganderton. <em>A Web-Based Risk Experiment: Design And Implementation</em></td>
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<tr>
<td>Jeffrey Englin, Thomas Holmes, Rebecca Niell. <em>Endogenous Risk And Off Road Vehicle Usean Analysis Of Alcohol Consumption And Injury</em></td>
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</table>
Jean-Daniel Saphores. *Harvesting A Renewable Resource Under Uncertainty*

Rafael Reuveny, John W Maxwell. *Continuing Conflict*

Niels Vestergaard, Frank Jensen. *A Principal-Agent Analysis Of Fisheries*


Baishali Bakshi, Jean-Daniel Saphores. *Managing Wildlife Populations Under Uncertainty: Cutting Slack To Both Grandma And The Wolf*

Nathaniel O Keohane, Benjamin Van Roy, Richard J Zeckhauser. *Controlling Stocks And Flows: The Environment, With Applications To Physical And Human Capital*

Rafael Reuveny, Kerry Krutilla. *Endogenous Population Growth, Renewable Resources, And Nonlinear Dynamics*


**Session 2E: Recreation** *(Chair: Tim Haab)*


Roger H Von Haefen. *What Are The Welfare Implications Of Introducing General Correlation Patterns Into Demand System Models?*

Bill Provencher, Richard C Bishop. *'Mental Accounts' And Their Consequences For Realistic Modeling Of Recreation Behavior*

Chia-Yu Yeh, Brent L Sohngen, Timothy C Haab. *Modeling Multiple-Objective Recreation Trips With Choices Over Trip Duration And Alternative Site*


Craig Mohn, Michael Hanemann, Linwood H Pendleton, David Layton. *Correcting Bias From A Partial Increase In Precision In Cost Construction In Travel Cost Modeling*


**Session 2F: Pollution Regulation 1** *(Chair: Tom Crocker)*

Francisco Alpizar, Till Requate, Albert Schram. *Collective Versus Random Fining: An Experimental Study On Controlling Non-Point Pollution*

Cathrine Hagem, Ottar Maestad, Hege Westskog. *Effective Enforcement And Imprecise Deterrents: Impacts Of Punishment On Punishers Via The Markets For Quotas And Energy.***

Ulf Moslener, Till Requate. *Optimal Abatement Of Stock Pollutants When Pollutants Are Complements Or Substitutes*

Savas Alpay. *Economic Development, Trade And Environmental Quality: Environmental Kuznets Curve Hypothesis In A Threshold Model*

Havard Solem. *Pollution Control In The Presence Of Natural Decay And Radical Uncertainty*

Eirik Romstad. *Nonpoint Source Pollution Contracts - Emission Based Regulations Through Models*

Michael Toman, Carolyn Fischer, Cees Withagen. *Optimal Investment In Clean Production Capacity*


**Session 2G: Energy And Environment Issues In Asia** *(Chair: Jeffrey Vincent)*
David Dole, Piya Abeygunawardena. *The Role Of Environmental Economics At The Adb*

Giovanni Signorello, Joseph Cooper. *Farmer Premiums For The Voluntary Adoption Of Conservation Plans*

Alan Dale Gonzales. *Financing Issues And Options For Energy Efficiency, Renewable Energy, And Greenhouse Gas Abatement Projects In Asia*

Michael A Taylor, Brent Sohngen, Haci Isik, Alan Randell. *Testing Group Performance Contracts For Controlling Agricultural Pollution*

Herath Gunatileka, N. Dissanayake. *An Assessment Of Energy Substitution Possibilities In The Sri Lankan Economy*


Deshun Liu, Lu Xuedu. *Opportunities For Greenhouse Gas Mitigation By Improving Energy Efficiency In China*

Erik Lichtenberg. *Tenancy And Soil Conservation In Market Equilibrium*

Phares Parayno. *Energy Efficiency In A Restructured Electric Industry In The Philippines*

Lyubov Kurkalova, Catherine Kling, Jinhua Zhao. *Multiple Environmental Externalities Of Conservation Tillage: Empirical Assessment Of Practice And Performance Based Targeting*

Ji Zou. *Assessing Climate Technology Needs In Developing Countries: Concepts, Methodologies, And Experiences*

Karen M Jetter, Karen M Klonsky. *An Economic Analysis Of Public Policies To Restore Private Land*

**Session 2H: Consumer Demand For Quality** (Chair: Sandra Hoffmann)

Kyrre Rickertsen, Wen Chern. *Consumer Acceptance Of Gmo: Survey Results From Japan, Norway, Taiwan, And The U. S. (Discussant: Jill McCluskey)*

Jill McCluskey, Hiromi Ouchi. *Consumer Response To Genetically Modified Food Products In Japan (Discussant: Kyrre Rickertsen)*

Katrin Millock, Mette Wier, Lars Gaarn Hansen. *Willingness To Pay For Organic Foods: A Comparison Between Survey Data And Panel Data From Denmark (Discussant: Gary Thompson)*

Gary Thompson, K. Glaser. *National Demand For Selected Organic Foods (Discussant: Lars Gaarn Hansen)*

**Session 2I: Agricultural Conservation** (Chair: Kathleen Segerson)

Michael J Roberts, Shawn Bucholtz. *Slippage Or Spurious Correlation: A Re-Analysis Of The Conservation Reserve Program*

Andreas Löschel, Zhongxiang Zhang. *The Economic And Environmental Implications Of The Us Repudiation Of The Kyoto Protocol And The Subsequent Deals In Bonn And Marrakech (Discussant: Ulf Moslener)*

**Session 2J: Consumer Demand For Quality** (Chair: Sandra Hoffmann)

Kyrre Rickertsen, Wen Chern. *Consumer Acceptance Of Gmo: Survey Results From Japan, Norway, Taiwan, And The U. S. (Discussant: Jill McCluskey)*

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Gary Thompson, K. Glaser. *National Demand For Selected Organic Foods (Discussant: Lars Gaarn Hansen)*

**Session 3A: Climate Change 3** (Chair: Harmen Verbruggen)

Barbara Buchner, Carlo Carraro, Igor Cersosimo. *On The Consequences Of The U.S. Withdrawal From The Kyoto/Bonn Protocol (Discussant: Stephane De Cara)*
Claudia Kemfert. Economic Impact Assessment Of Alternative Climate Policy Strategies (Discussant: Taran Faehn)

**Session 3B: Environmental Valuation 2**  
(Chair: Alan Randall)

Roberto Leon-Gonzalez, Jorge Araña, Carmelo León. Single Or Double Bounded Contingent Valuation? A Bayesian Test (Discussant: Nicholas Flores)

Paulo Ald Nunes, Erik Schokkaert. Warm Glow And Embedding In Contingent Valuation (Discussant: Kenji Takeuchi)

Christopher Leggett, Naomi Kleckner, Kevin J Boyle, John Duffield. Evidence Of Social Desirability Bias Contingent Valuation Surveys Administered Through In-Person Interviews. (Discussant: Susana Mourato)


**Session 3C: Tropical Deforestation: Issues, Research And Policy Prescriptions**  
(Chair: Tom Tomich) (Panel Discussants: Heidi Albers and Jefffrey Vincent)

Cheryl Palm, Jim Gockowski, Tom Tomich, Steve Vosti. Starting From The Bottom: Analyses Of Land Use Systems

Chantal Line Carpentier, Steve Vosti, Julie Witcover. Moving To The Farm Level: A Bioeconomic Model Of Resource Use In The Western Brazilian Amazon

Frank Place, Kejiro Otsuka. Resource Tenure And Resource Use: Views From The Household And Community Levels

Andrea Cattaneo. Sorting Out The Forests From The Trees: Macroeconomic Policy, Extra-Regional Trends And Deforestation In Brazil

Marian S. delos Angeles. Paying The Bill For Forest Preservation: Environmental Services Payments And Ecosystem Stewardship

**Session 3D: Growth**  
(Chair: Raymond Kopp)

Rabindra Nath Chakraborty. Rural Environmental Degradation, Growth, And Income Distribution In A Structuralist Two-Sector Model (Discussant: Jesse Czelusta)

Ariaster B Chimeli, John B Braden. Economic Growth And The Dynamics Of Environmental Quality (Discussant: Alexander Golub)

Thomas Berger. Environment, Migration And Technological Change: Modeling The Dynamic Decision-Making Process At Farm-Household Level (Discussant: Amos Zemel)

Clas Eriksson, Jonkim Persson. Economic Growth, Inequality, Democratization And The Environment (Discussant: Toby Page)

**Session 3E: Lobbying**  
(Chair: Wallace Oates)


Hossein Farzin, Jinhua Zhao. Pollution Abatement Investment When Firms Lobby Against Environmental Regulation (Discussant: Michael Ash)

Peter Berck, Christopher Costello. Efficiency Controls And The Captured Fishery Regulator (Discussant: Moriki Hosoe)

Edward B Barbier, Richard Damania. Lobbying, Trade And Resource Conversion (Discussant: Carol McAusland)

**Session 3F: The Geography Of Pollution: Environmental Justice And Federalism**  
(Chair: V.K. Smith)

Randy Becker. Pollution Abatement Expenditure By U.S. Manufacturing Plants: Do Community Characteristics Matter? (Discussant: Eli Berman)

Jay P Shimshack, Jeffrey T Lafrance, Steven Wu. Crop Insurance And The Extensive Margin (Discussant: Valentina Lira)


Anders Skonhoft, Nils Stenseth, Herwig Leirs. The Bioeconomics Of Controlling An African Rodent Pest Species (Discussant: Baishali Bakshi)

Hilary Sigman. Federalism And Transboundary Pollution: Water Quality In U.S. Rivers (Discussant: Anna Alberini)

Rolf Groeneveld, Frank Van Langevelde. Land Trade, Transaction Costs, And The Optimal Configuration Of Nature Conservation (Discussant: Henry Thille)

Session 3G: Ecological Economics: Ecology, Entropy, Epistemology, And Ethics (Chair: Richard B. Norgaard)

Jeffrey R Vincent, Marco Boscolo. Potential Welfare Gains Under Specialized Forest Management (Discussant: Eric Lichtenberg)

Charles Perrings. Ecological And Economic System Dynamics

Stefan Baumgartner. Thermodynamics And The Economics Of Absolute Scarcity

Richard Norgaard. Epistemological Complications Of Ecological Economics

Richard Howarth. Equity And Efficiency In Ecological Economics

Session 3H: Consumer Valuation Of Risk (Chair: Katrin Millock)

Zhongxiang Zhang, Lucas Assunção. Domestic Climate Policies And The Wto

David Zilberman. Food Safety Policies-Science Vs Beliefs (Discussant: Estelle Gozlan)

Kirsten Halsnæs. Climate Change And Sustainable Development – Case Studies From Developing Countries

Anne Rozan, Florence Spitznsteller, Anne Stenger. A Contingent Valuation Of Risk Perception For Heavy Metals In Food: Some Complementary Indicators (Discussant: Peter Fryklund)


Paul Kivi, Jason Shogren. Ambiguity In Food Safety Valuation (Discussant: Marc Willinger)

Anna Heaney, Stephen Beare. Impacts Of Climate Change On Instream And Dryland Salinity In The Murray Darling Basin, Australia

Joshua Graff Zivin. Ensuring A Safe Food Supply: The Importance Of Heterogeneity (Discussant: To be announced)

Brita Bye, Snorre Kverndokk, Knut Einar Rosendahl. Mitigation Costs, Distributional Effects And Ancillary Benefits Of Carbon Policies In The Nordic Countries, The Uk And Ireland

Session 3I: Land Management (Chair: Aldo Cerda)

William A Masters. Climate As A Resource

Sahin Sebnem. Turkey Faces The Climate Change Problem: An Analysis Within A General Equilibrium
Model With An Emission Tax And A Tradable Emission Permits System

Session 4B: Green Accounting (Chair: Nicholas Flores)

Geir B Asheim, Wolfgang Buchholz. Progress, Sustainability, And Comprehensive National Accounting

Anni Huhtala, Eva Samakovlis. Green Accounting, Air Pollution And Health


Sara Aniyar. Accounting For Oil Wealth In Venezuela And Norway. Open Issuen When Linking Theory To Practice.

Susana Ferreira, Jeffrey R Vincent. Why Genuine Savings?

Session 4C: Forest 3 (Chair: Kurt Schwabe)

Ronaldo Seroa Da Motta. Consumption Pattern And Environmental Pressure In Brazil

P. C Roebeling, E. Hendrix, R. Ruben. Deforestation Due To Uncertainty In Land And Capital Prices: The Case Of Cattle Ranching In The Humid Tropics Of Costa Rica

Andrea Cattaneo. The Role Of Agronomic Sustainability And Logging In Determining Deforestation In The Brazilian Amazon

Bobur Alimov, Kathleen Segerson. Tropical Deforestation In Indonesia: The Use Of Positive Trade Measures

Daniel Gbetnkom. Deforestation In Cameroon: Immediate Causes And Consequences.

Khathu M Sikhitha, Samuel M Bwalya. Urban Fuelwood Supply And Deforestation In Zambia

Session 4D: Development & Environment 1 (Chair: Anil Markandya)


Matthew E Kahn. Has Communism's Collapse Greened Eastern Europe's Polluted Cities?

Alessandro Lanza, Marzio Galeotti, Francesco Pauli. Desperately Seeking (Environmental) Kuznets: A New Look At The Evidence


Alain Bousquet, Pascal Favard. Does S.Kuznets' Belief Question The Environmental Kuznets Curves?

Urvashi Narain, Shreekant Gupta, Klaas van ‘t Veld. Poverty And The Environment: Estimating The Effect Of Natural Resource Availability On Household Incomes In Rural India

Jules Reinhart. Is Economic Growth Bad For Your Health? Industrial Pollution Versus Industrial Growth In Indonesia

Session 4E: Environmental Valuation 3 (Chair: Paulo Nunes)

Himayatullah Khan. The Willingness To Pay For Recreation Services: An Empirical Investigation With The Application Of Multivariate Analyses Of Two Public Parks In Northern Pakistan

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<td>Aloyce R. M. Kaliba, David W. Norman, Yang Ming Chang. Willingness To Pay To Improve Domestic Water Supply In Rural Areas Of Central Tanzania: Implications For Policy</td>
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Michael Papenfus, Bill Provencher. *An Economic Analysis Of Ecology-Based Restrictions On Lakefront Development*

Bonnie Colby, Steven Wishart. *Hedonic Valuation Of Water-Dependent Environmental Amenities*


Mette Termansen, Colin Mcclean. *Recreational Value Of Landscape Changes*

Diane Hite, Alan Randall, Brent Sohngen. *The Welfare And Equity Implications Of Environmental Disamenities: A Survival Model Approach*

**Monday, June 24rd 2002 - 7:30 - 10:00 pm**

**Gala Dinner at the Monterey Aquarium**

**Parallel Session 05 Tuesday, June 25th 2002 - 8:00 - 10:00 am**

**Session 5A: Water** *(Chair: Mordechai Shechter)*


Henrik Scharin. *Net-Gains Of An Efficient Allocation Of Abatement Measures In Improving The Environmental State Of Coastal Zones: A Study Of The Nitrogen Load To The Stockholm Archipelago* (Discussant: Mary Ewers)

**Session 5B: New Developments In Forestry And Agricultural Carbon Sequestration Economics** *(Chair: Kenneth Richards) (Panel Discussants: Catherine Kling, Kenneth Richards, Brent Sohngen)*

John Antle, Susan Capalbo, Sian Mooney, Edward Elliot. *Spatial Heterogeneity, Contract Design, And The Efficiency Of Carbon Sequestration Policies For Agriculture*

Suzi Kerr, Alex Pfaff, Arturo Sanchez, William Power. *The Dynamics Of Deforestation: Evidence From Costa Rica*

Andrew Plantinga, Junjie Wu. *Co-Benefit From Carbon Sequestration In Forests: An Evaluation Of The Reductions In Agricultural Externalities From An Afforestation Policy In Wisconsin*

Pavel Suchanek, Sabina Shaikh, Cornelis van Kooten. *Carbon Incentive Mechanisms And Land-Use Implications For Canadian Agriculture*


Jon Strand. *Public- And Private-Good Values Of Statistical Lives: Results From A Combined Choice-Experiment And Contingent-Valuation Study* (Discussant: Chris Leggett)

Annegrete Bruvoll, Karine Nyborg. *On The Value Of Households' Recycling Efforts* (Discussant: Jeffrey Zabel)

Ram Chandra Bhattarai. *Household Behavior On Solid Waste Management: A Case Of Kathmandu Metropolitan City* (Discussant: Bevin Ashenmiller)

**Session 5D: Development & Environment 2** *(Chair: Eric English)*

Dale Whittington. *Improving The Performance Of Contingent Valuation Studies In Developing Countries* (Discussant: Robert Rowe)

Bhim Adhikari. *Property Rights And Natural Resource: Socio-Economic Heterogeneity And Distributional Implications Of Common Property*
Resource Management In Nepal (Discussant: Linda Fernandez)

Jill L Caviglia-Harris. Sustainable Agricultural Practices In Rondônia, Brazil: Do Local Farmer Organizations Impact Adoption Rates? (Discussant: Urvashi Narain)

Rimjhim Aggarwal, Tulika Narayan. Does Inequality Lead To Greater Efficiency In The Use Of Local Commons? The Role Of Strategic Investments And Credit Market Imperfections (Discussant: Stephen Beare)

Session 5E: Technology Adaptation (Chair: Joe Cooper)

Rob Hart. Endogenous Growth, Environment And Innovation -- A Model With Environmentally Oriented Research And Two Production Vintages. (Discussant: Robert Mohr)


Murat Isik. Incentives For Technology Adoption Under Environmental Policy Uncertainty: Implications For Green Payment Programs (Discussant: Ron Shadbegian)

Allen Blackman, Arne Kildegaard. Clean Technological Change In Developing-Country Industrial Clusters: Mexican Leather Tanning (Discussant: Jim Opaluch)

Session 5F: Experimental Economics And Valuation I (Chair: Catherine Kling)

Kent Messer, Gregory Poe, Daniel Rondeau, William Schulze. Altruism And Wtp In A Coercive Tax Setting (Discussant: Susan Chilton)

Richard Carson, Theodore Groves, John List, Mark Machina. Probabilistic Influence And Supplemental Benefits: A Field Test Of The Two Key Assumptions Underlying Stated Preferences (Discussant: Glenn Harrison)


Glenn Harrison. Experimental Economics And Contingent Valuation (Discussant: Gregory Poe)

Session 5G: Trade And The Environment 1 (Chair: Michael Hoel)

Essi Eerola. International Trade Agreements, Environmental Policy, And Emergence Of Multinational Firms (Discussant: Meeta Mehra)

Bruce Larson, Eri Nicolaides, Bashir Al Zu'Bi, Nabil Sukkar. The Impact Of Environmental Regulations On Exports: Case Study Results From Cyprus, Jordan, Morocco, Syria, Tunisia, And Turkey (Discussant: Alberto Garrido)

K. C Fung, Andrea Maechler. The Impact Of Intra-Industry Trade On The Environment (Discussant: Reyer Gerlagh)


Session 5H: Pollution Control 2 (Chair: Trudy Cameron)

Carl Pasurka, Shawna Grosskopf, Rolf Fare. Estimating Pollution Abatement Costs: A Comparison Of "Stated" And "Revealed" Approaches (Discussant: Jeffrey Lazo)

J. R Deshazo, Andres V. Lerner. A Positive Theory Of Standard-Setting Behavior With An Application To The Clean Water Act (Discussant: Janie Chermak)

Smita Misra. Use Of Contingent Valuation Method For Measuring Benefits From Water Pollution Abatement By An Industrial Estate In India (Discussant: Jerald Fletcher)

Amyaz A Moledina, Jay S Coggins, Stephen Polasky, Christopher Costello. Dynamic Environmental Policy With Strategic Firms: Prices Versus Quantities.
Session 5I: Liability

Signe Krarup. Collective Agreements: Incentive Contracts With Group Punishments (Discussant: John Stranlund)


Lire Ersado, Gregory S Amacher, Jeffrey Alwang. Economic Analysis Of Development Projects With Health Side Effects: (Discussant: Richard Woodward)

(Chair: Norman Meade)

Benedicte Coestier, Estelle Gozlan, Stephan Marette. Prevention, Limited Liability And Market Structure (Discussant: Alberto Longo)

Parallel Session 06 Tuesday, June 25th 2002 - 10:15 - 11:45 am

Session 6A: Renewable Resources (Chair: Peter J. Parks)

Linda Fernandez. A Diversified Portfolio: Joint Management Of Nonrenewable And Renewable Resources Offshore

Wolfram Schlenker, Brian D Wright. Optimal Extraction Of A Exhaustible Resource With An Uncertain Stock Size

Mike Young. Unpacking The Bundle: Is There A Generic Tradeable Property Right Structure?

Roger Salmons. Tradable Compliance Credits For Extended Producer Responsibility: Market Power And The Allocation Of Initial Property Rights


Sylvia Brandt. Efficiency Versus Equity: The Impact Of Property Rights On Industry Structure

Pascal Da Costa, Francesco Ricci, Katheline Schubert. The Direction Of Technological Change On Renewable Or Non-Renewable Resource Exploitation: The Implication Of Bounded Efficiency Improvements

Birgit Friedl. Dynamic Resource Management In A Two-Sector Overlapping Generations Model With Increasing Harvest Costs

Session 6B: Environmental Taxation 1 (Chair: Shreekant Gupta)

Klaus Conrad. The Optimal Path Of Energy And Co2 Taxes For Intertemporal Resource Allocation And Improved Energy Efficiency

Laura Marsiliani, Thomas Renstrom, Cees Withagen. Environmental Policy And Interjurisdictional Competition In A Second Best World

Christoph Böhringer, Thomas Rutherford. In Search Of A Rationale For Differentiated Environmental Taxes

Herman Vollebergh. Climate Change Taxation In The Netherlands: An Evaluation

Lihchyi Wen. The Experience Of Upstream Combined Product Tax And Recycling Subsidy (Ucts) In Taiwan

Basharat A. K Pitafi, James A Roumasset. Optimal Green Taxation With Both Emission And Commodity Taxes

Ragnar Arnason. Resource Rent Taxation: Is It Really Nondistortive?

Session 6C: Environmental Regulation 2 (Chair: Mark Cohen)

Shunsuke Managi, James J Opaluch, Di Jin, Thomas A Grigalunas. Environmental Regulations And Technological Change in The Gulf Of Mexico
**SECOND WORLD CONGRESS OF ENVIRONMENTAL AND RESOURCE ECONOMISTS**

*Offshore Oil And Gas Industry: Rethinking The Porter Hypothesis*

*Mark Brady. Stochastic Arable-Nitrogen Abatement From Heterogeneous Sources—Cost-Effective Coastal Load Reduction*

*Catarina Roseta-Palma, Maria A Cunha-e-Sá, Ana Balcão-Reis. Endogenous Technological Change In Nonrenewable Resource Management*

*Erik Mathijs, Luiza Toma. An Empirical Study Of Romanian Farmers’ Environmental Perceptions Using Structural Equation Modelling With Latent Variables*

*Pascal Da Costa. Semi-Endogenous Growth And Environmental Friendly Innovations*

*Anil Markandya, Marialuisa Tamborra. Improving Effectiveness Of Environmental Expenditure In A Transition Economy: The Case Of Ukraine*

Masaru Yarime. *Environmental Policy In The Presence Of Technological Uncertainty, Diversity, And Rigidity: The Case Of The Chlor-Alkali Industry In Japan And Western Europe*

*Robert T. Deacon. Dictatorship, Democracy, And The Provision Of Public Goods*

Dagmar Nelissen, Till Requate. *The Impact Of Environmental Policy On The Direction Of Technological Change*

*Laurent Franckx. Ambient Environmental Inspections In Repeated Enforcement Games*

Lionel Ragot, Mireille Chiroole-Assouline, Katheline Schubert. *Does Environmental Innovation Reduce Pollution?*

*Carlos A Chavez, John K Stranlund. Enforcing Transferable Permit Systems In The Presence Of Transaction Costs*

Paroma Sanyal. *Powering A Green Progress: Environmental Research In The Absence Of Regulatory Oversight*

*Lars Gårn Hansen, Frank Jensen, Urs Steiner Brandt, Niels Vestergaard. Illegal Landings And Discard: A Self Reporting Mechanism*

Ariaster B Chimeli, John B Braden. *Environmental Quality, Environmental Protection And Technology Adoption*

*Stef Proost, Sandra Rousseau. The Cost Effectiveness Of Environmental Policy Instruments In The Presence Of Imperfect Compliance*

**Session 6E: Environmental Regulation 1**
*(Chair: Gloria Helfand)*

Laurent Franckx. *Ambient Environmental Inspections In Repeated Enforcement Games*

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*Stef Proost, Sandra Rousseau. The Cost Effectiveness Of Environmental Policy Instruments In The Presence Of Imperfect Compliance*

**Session 6D: Transition Economies**
*(Chair: Randall Bluffstone)*

Elena E Shirkova, Edward Shirkov, Anatoliy S Avdeev, Alexey M Tokranov. *Economic Efficiency Of Various Strategies Of Exploitation Of The Natural Resources Of Western Kamchatka And Its Shelf*

*Karine Nyborg, Kjetil Telle. Environmental Regulation: Keeping Control With Lax Enforcement*

Wojciech Suwala. *Modeling Development Of The Polish Coal Industry*

*Hua Wang, Nlandu Mamingi, Benoit Laplante, Susmita Dasgupta. Incomplete Enforcement Of Pollution Regulation*

Anil Markandya, Alexander Golub. *On Environmental Regrets In Transition Economies*

*John K Stranlund, Carlos A Chavez, Christopher Costello. Deterring Non-Compliance In Dynamic Emissions Trading Programs: Does Allowing Permit Banking Call For A Different Enforcement Strategy?*

Elena Strukova. *Efficiency And Sustainability In Natural Resources Sector Of Russia*

*Hirofumi Fukuyama, Moriki Hosoe. Illegal Dumping, Recycling And Monitoring*
Session 6F: Panel: Experimental Economics And The Environment: Past, Present, And Future (Chair: John List)

Glenn Harrison.
William Schulze.
Robert Sugden.

Session 6G: Environmental Valuation 5 (Chair: Jon Strand)

Nick Hanley, David Bell. Valuing The Benefits Of Coastal Water Quality Improvements Using Contingent And Real Behaviour
Ju-Chin Huang, P. Joan Poor. To Control Or Not Control: Economic Valuation Of Beach Erosion Control Programs
Marco Grasso, Stefano Pareglio. Environmental Valuation In European Union Policy-Making
Young Chul Shin, Hong Jin Kim, Seunghun Joh. Estimating The Cost Of Air Pollution On Morbidity: An Analysis Of National Health Survey Data In South Korea

Session 6I: Municipal And Labelling (Chair: Julie Caswell)

Thomas Bue Bjorner, Lars Gärn Hansen, Clifford S Russell. Environmental Labelling And Consumers' Choice - An Empirical Analysis Of The Effect Of The Nordic Swan
Steven Renzetti, Diane Dupont. The Relationship Between The Ownership And Performance Of Municipal Water Utilities

Session 6H: Environmental Valuation 4 (Chair: Richard Ready)


Session 6J: Panel: Experimental Economics And The Environment: Past, Present, And Future (Chair: John List)

Maria A Cunha-E-Sá, Maria M Ducla-Soares. A Dynamic Model Of Willingness To Pay For Health Improvements
Stale Navrud, Dadi Kristoffersson. Validity Tests Of Benefit Transfer: Are We Performing The Wrong Tests?
Subhrendu K Pattanayak, Kerry Smith, George Van Houtven. Preference Calibration For Valuing Reductions In Mortality Risks
Mary F Evans, Kerry Smith. The Health Impacts Of Air Pollution On The Elderly
Lauraine Chestnut, Jeffrey K Lazo, Robert Rowe, William Schulze. Economic Valuation Of Mortality Risk Reduction
Honda Naoko, Matsuoka Shunji, Shirakawa Hiroaki. Do Environmental Health Risks Have Higher Vsl Than Traffic Accident Risk?

Session 6J: Panel: Experimental Economics And The Environment: Past, Present, And Future (Chair: John List)

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Session 6H: Environmental Valuation 4 (Chair: Richard Ready)

Waste: Counterproductive Effects Through ‘Waste Leakage’

Gregory S Amacher, Erkki Koskela, Markku Ollikainen. Environmental Quality Competition And Ecolabeling

Bevin Ashenmiller. Welfare In A Bottle: Redistributonal Implications Of Bottle Laws

Keith Brouhle. Information And The Provision Of Quality In A Duopoly

Randall Bluffstone, J. R Deshazo. Upgrading Municipal Environmental Services To European Union Levels: A Case Study Of Household Willingness To Pay In Lithuania

Session 25: Steinbeck Forum 2 Tuesday, June 25th 2002 - 11:45 - 1:00 pm (Chair: Michael Hanemann)

Daniel McFadden. How To Value Environmental Actions

Parallel Session 7 Tuesday, June 25th 2002 - 2:15 - 4:15 pm

Session 7A: Preference For The Environment (Chair: V.K. Smith)

Nicholas Flores. Beyond The Status Quo: Krutilla, Fisher, And Our Understanding Of Environmental Preferences

Stephen Polasky. Discussant

Alistair Munro. Discussant

Mary Evans. Rapporteur

Session 7B: Natural Resource Scarcity (Chair: Anthony Fisher)


Y. H. Farzin. Discussant

John Hartwick. Discussant

Martin Smith. Rapporteur

Session 7C: Residuals Management (Chair: Michael Hanemann)

Marca Weinberg, Stephen C. Newbold. Residuals Management: Materials Balance And The Environmental Economics Literature

Rudiger Pethig. Discussant

Al McGartland. Discussant

Kurt Schwabe. Rapporteur

Session 7D: Air Pollution And Human Health (Chair: Richard T. Carson)

Michael Greenstone. Rff And Lave And Seskin's Air Pollution And Human Health

C. Arden Pope III. Discussant

Per Olav Johansson. Discussant

Christine Poulos. Rapporteur

Session 7I: Experimental Economics And The Environment II (Chair: Charles Mason)

Christian Vossler, Gregory Poe, Kathleen Segerson, William Schulze. An Experimental Test Of The Segerson Mechanism (Discussant: Jeremy Clark)

Kate Krause, Janie Chermak, David Brookshire. Water Consumption: Comparing Consumer Response In And Out Of The Lab (Discussant: Jayson Lusk)

Robert Sugden. Coping With Preference Anomalies In Cost-Benefit Analysis (Discussant: Charles Mason)

Jeremy Clark, Lana Friesen, Andrew Muller. The Good, The Bad, And The Regulator: An Experimental
Test Of The Two Conditional Audit Schemes  
(Discussant: Robert Sugden)

**Parallel Session 08 Tuesday, June 25th**  
2002 - 4:30 - 6:30 pm

**Session 8A: Household Decision Making And Non-Market Valuation**  
(Chair: Laura Taylor)

Udo Ebert. *Recovering Preferences In The Household Production Framework: The Case Of Averting Behavior* (Discussant: Ju-Chin Huang)

Mark Dickie, Flint Brent. *Family Behavior And The Economic Value Of Parent And Child Health* (Discussant: Craig Mohn)

Vic Adamowicz, Donna Dosman. *Combining Stated And Revealed Preference Data To Construct An Empirical Examination Of Intrahousehold Bargaining* (Discussant: Mark Morrison)

Ian Bateman, Alistair Munro. *Non-Cooperative Decision-Making And Measures Of Household Surplus* (Discussant: Stale Navrud)

**Session 8B: Spatial Structure**  
(Chair: John B. Loomis)

Martin D Smith, James E Wilen. *Economic Impacts Of Marine Reserves: The Importance Of Spatial Behavior* (Discussant: Dan Holland)


Junjie Wu, Andrew Plantinga. *Open Space Policies And Urban Spatial Structure* (Discussant: Matthew Turner)

**Session 8C: Water Quantity, Quality Allocation And Valuation Issues**  
(Chair: David Brookshire)


David Brookshire, Mary Ewers, Philip Ganderton, Joe Little. *Western Water Market Prices And The Economic Value Of Water* (Discussant: Bonnie Colby)

Philip Cooper, Gregory Poe, Ian Batemen. *The Structure Of Motivation For Contingent Values: A Case Study Of Water Quality Improvement In A Lake With Amenity* (Discussant: Philip Ganderton)

Philip Cooper, Gregory Poe, Ian Batemen, Stale Navrud. *Scope Sensitivity And Distance Decay Effects In Passive Values: Evidence From Experimental And Survey Studies* (Discussant: John Loomis)


**Session 8D: International Environmental Agreements**  
(Chair: Klaus Conrad)


Zhihao Yu, Larry Qiu. *Multilateral Environmental Agreements And Environmental Technology Transfer* (Discussant: Scott Barrett)

Marchiori Carmen, Carraro Carlo. *Endogenous Strategic Issue Linkage In International Negotiations* (Discussant: Eftichios Sartzetakis)

Ing-Marie Gren, Henk Folmer. *Cooperation Versus Non-Cooperation In Cleaning Of An International Water Body With Stochastic Environmental Damage: The Case Of The Baltic Sea* (Discussant: Leo Simon)

**Session 8E: Experimental Economics And The Environment Iii**  
(Chair: Glenn Harrison)
SECOND WORLD CONGRESS OF ENVIRONMENTAL AND RESOURCE ECONOMISTS

Session 8A: Growth And Resource Availability (Chair: Charles Perrings)

Catherine Kling, John List, Jinhua Zhao. Commitment Costs And The Basic Independence Assumption: Evidence From The Field

Kirk Hamilton. Sustaining Per Capita Welfare (Discussant: Sara Aniyar)

Jayson Lusk. Framing Effects And Procedural Invariance: Evidence From Incentive Compatible Auctions And Choice Experiments

Ming Lei. Study On China's Sustainable Development-Integrated Input-Output Analysis And Green Gdp Estimate For China (Discussant: Jose Belbute)

A. C. Burton, Katherine S. Carson, Susan M Chilton, W.G. Hutchinson. Testing Estimation Methods On Experimental Referendum Data

Michael Harris, Iain Fraser. Natural Resource Accounting In Theory & Practice: A Critical Assessment (Discussant: Anni Huhtala)

Glenn Harrison, Morten Lau, Melonie Williams. Estimating Individual Discount Rates In Denmark

Richard Woodward. Project Analysis Under Sustainability (Discussant: Zbigniew Bochniarz)

Jay Corrigan, Catherine Kling, Jinhua Zhao. The Dynamic Formation Of Willingness To Pay: An Empirical Specification And Test

Session 8H: Growth And Resource Availability (Chair: Charles Perrings)

John List, Charles Mason. Are Ceos Expected Utility Maximizers?

Susanna Lundström. Cycles Of Technology, Natural Resources And Economic Growth (Discussant: Pascal Da Costa)

Kate Krause, Janie Chermak, David Brookshire. The Demand For Water: Consumer Response To Scarcity

Jean Philippe Stijns. Natural Resource Abundance And Human Capital Accumulation (Discussant: Ariaster Chimeli)

Session 8A: Environmental Taxation 2 (Chair: Winston Harrington)

Diane Hite, Brent Sohngen, Josh Templeton. Property Tax Impacts On The Timing (Discussant: Bill Weber)

Gavin Wright, Jesse Czelusta. Resource-Based Economic Growth, Past And Present (Discussant: Alessandro Lanza)

Katrin Millock, Céline Nauges. Ex Post Evidence On Environmental Taxes: An Assessment Of The French Tax On Air Pollution (Discussant: Annegrete Bruvoll)

Francesco Ricci, Michel Moreaux. The Simple Analytics Of Developing Resources From Resources (Discussant: Geir Asheim)

Session 8I: Technological Change And Energy (Chair: Pierre DuVair)

Helmut Cremer, Firouz Gahvari, Norbert Ladoux. Environmental Taxes With Heterogeneous Consumers: An Application To Energy Consumers In France (Discussant: Laura Castellucci)

Shunsuke Managi, James J Opaluch, Di Jin, Thomas A Grigalunas. Technological Change And Depletion In Offshore Oil And Gas (Discussant: Rob Hart)

Thomas P Lyon, John W Maxwell. Self-Regulation, Taxation And Public Voluntary Agreements (Discussant: Karl-Gustaf Lofgren)

Herman Vollebergh, Per Fredriksson, Elbert Dijkstra. Corruption And Energy Efficiency In Oecd Countries: Theory And Evidence (Discussant: Murat Isik)

Session 8G: Sustainability (Chair: Talbot Page)

Session 8I: Technological Change And Energy (Chair: Pierre DuVair)

Bertrand Magné, Michel Moreaux. Long Run Energy Trajectories: Assessing The Nuclear Option In Response To Global Warming (Discussant: Andreas Loeschel)

Klaus Moeltner, Jeffrey Englin. Choice Behavior Under Dynamic Quality Changes: State Dependence Versus 'Play-It-By-Ear' In Selecting Ski Resorts (Discussant: Peter Clinch)

**Session 9C: Emission Permits** (Chair: Dallas Burtraw)

Frans P De Vries. Emission Permits And Diffusion Of Abatement Technology In A Differentiated Cournot Market (Discussant: Karine Nyborg)

Juan Pablo Montero, A. Denny Ellerman. A Puzzle In So2 Emissions Trading: Temporal Inefficiency Or Higher Prices? (Discussant: Marian Leimbach)

Andreas Lange. Intertemporal Decisions Under Uncertainty - Combining Expected Utility And Maximin (Discussant: Urs Brandt)

Bjorn Carlen. Exclusionary Manipulation Of Carbon Permit Markets: A Laboratory Test (Discussant: Carlos A Chavez)

**Session 9D: Tax Effects** (Chair: Shelby Gerking)

Osmel Manzano. Tax Effects Upon Oil Field Development In Venezuela (Discussant: Richard Garbaccio)

Philippe Bontems, Bourgeon Jean-Marc. Technology Standard, Environmental Taxation And Pollution Monitoring (Discussant: Miguel Bunuel)

Jörg Breitscheidel, Hans Gersbach. Taxes Or Subsidies In Self-Financing Environmental Mechanisms? (Discussant: Hilary Sigman)

Matthieu Glachant. The Political Economy Of Environmental Tax Design (Discussant: Cathrine Hagem)

**Session 9E: Double Dividend Reconsidered** (Chair: Alan Randall)

Talbot Page, Quinghua Zhang. Non-Distortionary Properties Of Environmental Taxes (Discussant: Roberton Williams)
Eban Goodstein. Labor Supply And The Double Dividend (Discussant: James Roumasset)

William Jaeger. Setting Environmental Taxes In A Second-Best World (Discussant: V. K. Smith)

**Session 9F: Energy And Markets** (Chair: Richard Morgenstern)

Andrea Bigano, Stef Proost. The Opening Of The European Electricity Market And Environmental Policy: Does The Degree Of Competition Matter? (Discussant: Laurent Franckx)

Erin Taochi Mansur. Environmental Regulation In Oligopoly Markets: A Study Of Electricity Restructuring (Discussant: Spencer Banzhaf)


Artis Kancs. Assessing Alternative Renewable Energy Strategies (Discussant: Michel Moreaux)

**Session 9G: Climate Change 5** (Chair: Maximilian Auffhammer)

Barbara Buchner, Carlo Carraro, Igor Cersosimo, Carmen Marchiori. Back To Kyoto? Us Participation (Discussant: Zhong-Xiang Zhang)

Francesco Bosello, Barbara Buchner, Carlo Carraro, Davide Raggi. Can Equity Enhance Efficiency? Lessons From The Kyoto Protocol (Discussant: Parkash Chander)


Denise Van Regemorter, Johan Eyckmans, Vincent Van Steenberghe. Is Kyoto Fatally Flawed? An Analysis With Macgem. (Discussant: Brian Wright)

**Session 9H: Modeling Risk And Uncertainty In Capture Fisheries** (Chair: Rognvaldur Hannesson) (Panel Discussants: Thomas Crocker, Diane Dupont. Closing Comments: James Sanchirico)

Asgeir Daneilsson. Optimal Discarding Of Fish Under Risk (Short Paper)

Robert Hicks, Ivar Strand. The Random Expected Utility Model: An Investigation Of Risk Properties (Short Paper)

Daniel Holland. Balancing Biological And Financial Risks For The New England Groundfish Complex (Short Paper)


Gautam Sethi, Christopher Costello, Anthony Fisher, Michael Hanemann. Fishery Management Under Multiple Uncertainty (Discussant: Tom Crocker)

Martin Smith, James Wilen. Correlated Risk Preferences And Behavior Of Commercial Fishermen: The Perfect Storm Dilemma (Discussant: Diane Dupont)

**Session 9I: Water Pollution** (Chair: Linda Fernandez)

Shreekant Gupta, Shalini Saksena. Enforcement Of Pollution Control Laws And Firm Level Compliance: A Study Of Punjab, India (Discussant: Hirofumi Fukuyama)

Helen Pushkarskaya, Alan Randall. Toward A Performance-Based Policy Instrument For Nonpoint Source Pollution Control: An Exercise In Mechanism Design (Discussant: Robert Hearne)

Phoebe Koundouri, Ben Groom, Céline Nauges, Alban Thomas. Irrigation Water Management Under Risk: An Application To Cyprus (Discussant: Jay Shimshack)

D. N Rao, Surender Kumar. Measuring Productive Efficiency Of Water Polluting Industries In India: A Distance Function Approach (Discussant: Seung-Hoon Yoo)
SECOND WORLD CONGRESS OF ENVIRONMENTAL AND RESOURCE ECONOMISTS

Parallel Session 10 Wednesday, June 26th 2002 - 10:15 - 11:45 am

Session 10A: Biodiversity 2 (Chair: Stephen Polasky)

Jon M Conrad, Paul J Ferraro. Habitat Conservation: The Dynamics Of Direct And Indirect Subsidies

Amitraj A Batabyal, James Kahn, Robert O'Neill. On The Scarcity Value Of Ecological Services

Gioacchino Pappalardo, Giovanni Signorello. Farm Animal Biodiversity Conservation In Europe

Jyothis Sathypalan. De Facto Access Right And People'S Preference To Conserve Biodiversity At Micro Level: A Study From India

Frank Wätzold, Martin Drechsler. Spatial Differentiation Of Compensation Payments For Biodiversity-Enhancing Land-Use Measures


Elizabeth J. Z Robinson, Jeffrey C Williams. The Implications Of Cost Recovery For Regulatory Agencies: An Example From Ghana'S Wildlife Sector

Juha Siikamaki, David F Layton. Voluntary, Cost-Sharing Conservation Programs For Biodiversity Conservation: A Censored Random Coefficient Model Of Forest Owners' Willingness-To-Participate

Session 10B: Climate Change 6 (Chair: Anthony Fisher)

Alejandro Caparros, Frederic Jacquemont. Carbon Sequestration And Biodiversity In Recent International Agreements

Grace Y. Wong, Janaki R. R Alavalapati. The Cost Of Sequestering Carbon In Forests: A Computable General Equilibrium Analysis

Johanna Pohjola. How Sinks In Forest Products Affect The Cost Of Climate Convention And World Trade Of Forest Products: Results From A Global Economywide Model


Uwe A Schneider, Bruce A McCarl. Competitive Economic Potential Of Greenhouse Gas Emission Mitigation In U.S. Agriculture And Forestry

Brian C Murray, Bruce A McCarl, Heng-Chi Lee. Estimating Leakage From Forest

Brian C Murray, Brent L Sohngen, Bruce A McCarl. The Joint Effect Of Climate Change Impacts And Mitigation Incentives On The Rate Of Carbon Sequestration In Terrestrial Ecosystems

Session 10C: Environmental Policy Issues (Chair: David Chapman)

Marian Leimbach. Equity And Emissions Trading: A Model Analysis

Scott Farrow. Using Risk Assessment, Benefit-Cost Analysis, And Real Options To Implement A Precautionary Principle

Gregory S Amacher, Arun S Malik. The Value Of Information Under Risk Of Fire: Implications For Government Budgeting And Policy Targeting

John List, Daniel M Sturm. Politics And Environmental Policy: Theory And Evidence From Us States

Silvia Secchi. Patient Behavior And Antibiotic Prescriptions: The Equilibrium Level Of Antibiotic Use And The Role Of A Market Permit System.

Wilma Rose Q Anton, Madhu Khanna, George Deltas. Environmental Management Systems: Do They Improve Environmental Performance?

Matthew A Turner, Quinn Weninger. Meetings With Costly Participation: An Empirical Investigation
SECOND WORLD CONGRESS OF ENVIRONMENTAL AND RESOURCE ECONOMISTS

Jhih-Shyang Shih, Michelle Bergin, Armistead G Russell, Alan Krupnick. Ozone And Pm Air Pollution Control: An Integrated Approach

Session 10D: Sustainable Development 1
(Chair: John Hartwick)

Cees Withagen, Geir B Asheim, Wolfgang Buchholz. On The Sustainable Program In Solow's Model

Hoon Park, Clifford S Russell, Junsoo Lee. National Culture And Environmental Sustainability: A Cross-National Analysis

Giuseppe Di Vita. Renewable Resources And Waste Recycling

John C Pezzey. A One-Sided Sustainability Test With Multiple Consumption Goods

Reyer Gerlagh, Herman Vollebergh. Sustainability As Generosity

José M. M Belbute, Paulo Brito. Sustainability Under Intertemporal Dependent Preferences

Session 10E: Environmental Valuation 6
(Chair: Carol Jones)


Kentaro Yoshida. Benefit Transfer Of Choice Experiments For Valuing Negative And Positive Environmental Effects Of Agriculture

Carol Mansfield, Subhrendu K Pattanayak, William Mcdow, Robert Mcdonald. Shades Of Green: Measuring The Value Of Urban Forests In The Housing Market

Nada Wasi. Urban Quality Of Life Dynamics

Tijen Arin, Erin O Sills. Financing Conservation And Development With Tourism: Park Entrance Fees In The Republic Of Georgia

J. Peter Clinch, J. Andrew Kelly. Estimating The Price Elasticity Of Demand For Parking


Session 10F: Environmental Valuation 7
(Chair: Robert Sugden)


Timothy C Haab, Kenneth E Mcconnell. A Note On Reconciling Welfare Measures In Contingent Valuation And Random Utility Models

Raymond B Palmquist. Weak Complementarity, Path Independence, And The Intuition Of The Willig Condition


John Horowitz. Does Existence Value = Reference Dependence?

Young Chul Shin, Alan Krupnick, Seunghun Joh. Estimating The Value Of Mortality Risk Reduction For Environmental Policy In South Korea: A Benefit Transfer Test

Richard O Zerbe. The Purchase Of Moral Satisfaction

J. R Deshazo, Linwood H Pendleton. An Activity-Differentiated Theory Of Consumption And Application To Non-Market Environmental Goods

CONFERENCE PROGRAM PAGE 21
Session 10G: Commons In Developing Countries (Chair: Edward Barbier)

- Laurent Franckx. Environmental Enforcement With Endogenous Ambient Monitoring
- Miguel Buñuel. The Effect Of Emission Permits And Pigouvian Taxes On Market Structure
- Hojeong Park. Uncertainty And Strategic Capital Adjustment Under Tradable Permit Programs
- Randall Bluffstone, Darraratt Anantanasuwong. Using Economic Instruments To Address Non-Conventional Pollution Problems In Developing Countries: What To Do About Shrimp Aquaculture In Thailand?
- Vijay Intodia, Farida Shah. Greening The Rural Areas- An Economic Analysis Of The Community Forestry Programme
- Mette Termansen, Alberto Ansuategi. Economic Analysis Of Marine Reserve Creation: An Agent Based Simulation Model
- M. G Chandrakanth, Mahadev G Bhat. Institutions, Markets, And The Management Of Common Property Sacred Groves In India
- Camille Antinori, Gordon C. Rausser. Ecological Effects Of Timber Contracting In Mexico’S Community Forestry Organizations

Session 10I: Renewable Resources & Water (Chair: Charles Howe)

- Jose Albiac, Javier Tapia, Anika Meyer, Javier Uche. Water Demand Alternatives To The Spanish National Hydrologic Plan
- Diane Dupont, Steven Renzetti. Valuing The Indispensable In The Absence Of Markets: Shadow Prices For Water
- R. P. S Malik. Groundwater-Energy Nexus: Implications For Environmental Sustainability Of Indian Agriculture
- Mark Griffin Smith, Christopher D Bryan. Using Geographical Information Systems (Gis) To Evaluate The Potential Of Inter-Canal Reallocation Of Water To Increase Agricultural Production After Water Transfers
- Stephen P Holland. Privatization Of Water Resource Development

Session 10H: Pollution Regulation 3 (Chair: Wayne Gray)

- Mark A Cohen, Santhakumar. Information Disclosure As Environmental Regulation: A Theoretical Analysis
- Daigee Shaw, Ming-Feng Hung. A Trading-Ratio System For Trading Water Pollution Discharge Permits

Ellen Hanak. Trading Upstream: Making California’s Water Market Work In The 1990S

**Session 3S: Steinbeck Forum 3**  
**Wednesday, June 26th 2002 - 11:45 - 1:00 pm**  
(Chair: Klaus Conrad)

Martin Weitzman. Income And Sustainability

**Parallel Session 11 Wednesday, June 26th 2002 - 2:15 - 4:15 pm**

**Session 11A: Biodiversity 3**  (Chair: Alexander Pjaff)

Heidi J. Albers, Jeffrey Muller. Enforcement, Payments, And Development Projects Near Protected Areas: How The Market Setting Determines What Works Where (Discussant: Christopher Costello)

Anastasios Xepapadeas, W. A. Brock. Mosaic Management In Metapopulation Models: Optimal Management Of Interrelated Species In Patchy Environments (Discussant: Stephen Polasky)

Chad Settle, Jason F. Shogren. Applying Hyperbolic Discounting To A Native-Exotic Species Conflict (Discussant: Elizabeth Robinson)

**Session 11B: Economics And Politics Of Int’L Conflict And Cooperation On Natural And Environmental Resources**  (Chair: Ariel Dinar)

Shlomi Dinar, Scott Barrett. A Typology Of Water Treaties

Scott Barrett. Int’L Cooperation On Infectious Diseases

Carlo Carraro. Equity, Flexibility And Institutions In Climate Change Negotiations: Theory And Experience

Gordon Munroe, Kathleen A. Miller. Cooperation And Conflict In The Management Of Transboundary Fishery Resources

Michael Hoel. The Role Of Population Mobility In Conflict And Cooperation On Int’L Natural And Environmental Resources

Ariel Dinar. Regimes Of Management Of Global And Transboundary Natural And Environmental Resources

**Session 11C: CGE Modeling**  (Chair: Zhong Xiang Zhang)


Annegrete Bruvoll, Taran Faehn, Birger Strom. Endogenous Climate Policy In A Rich Country: A Cge Study Of The Environmental Kuznets Curve. (Discussant: Anil Markandya)

Rob Dellink, Marjan Hofkes, Ekko Van Ierland, Harmen Verbruggen. Dynamic Modelling Of Pollution Abatement In A Cge Framework (Discussant: Jorg Breitscheidel)

Raul O’Ryan, Sebastian Miller, Carlos J De Miguel. A Cge Framework To Evaluate Policy Options For Reducing Air Pollution Emissions In Chile (Discussant: Denise Van Regemorter)

**Session 11D: Interdisciplinary Methods For Public Health Management In Developing Countries**  (Chair: Shanti Gamper Rabinran) (Panel Discussants: Michael Hanemann, Robert Mendelsohn)

Song Liang, Don Mazel, Robert Spear. A Quantitative Framework For A Multigroup Model Of Schistosomiasis Transmission Dynamics And Control In Sichuan, China

Majid Ezzati, Dan Kammen. Evaluating The Health Benefits Of Transitions In Household Energy Technology In Kenya
Shanti Gamper Rabindran. *The Role Of Large And Small Landholders During Indonesia's Land Fires: A Gis-Econometric Analysis Of Satellite, Land Use And Spatial Data*

Juerg Utzinger, Yesim Tozan, Burt Singer. *Efficacy And Cost Effectiveness Of Environmental Management For Malaria Control*

**Session 11G: Fisheries 1** *(Chair: Niels Vestergaard)*

Richard Newell, James Sanchirico, Suzi Kerr. *Fishing Quota Markets (Discussant: Arnaud Reynaud)*

John Kennedy. *Scope For Efficient Multinational Exploitation Of North-East Atlantic Mackerel (Discussant: Sylvia Brandt)*

**Session 11E: Biological & Bioprospecting** *(Chair: Brian Wright)*

Ramanan Laxminarayan. *Bacterial Resistance And The Optimal Use Of Antibiotics (Discussant: Kathleen Segerson)*

Alicia O'Shea, Alistair Ulph. *The Role Of Pest Resistance In Biotechnology R&D Investment Strategy (Discussant: Joshua Zivin)*

Gordon C Rausser, Arthur A Small. *Genetic Resource Libraries: Bioprospecting And Knowledge Assets (Discussant: Carolyn Fischer)*

Rüdiger Pethig. *The Impact Of Scarcity And Abundance In Food Chains On Species Population Dynamics (Discussant: Anastasios Xepapadeas)*

**Session 11F: Statistical Life/Health Risks** *(Chair: Laurie Chestnut)*

Per-Olov Johansson. *On The Definition And Age-Dependency Of The Value Of A Statistical Life (Discussant: Alistair Munro)*

Subramaniam Madheswaran, K. R Shannugam. *Valuations Of Life And Health Risks: Evidence From The Indian Labor Market (Discussant: Jong Hong)*


Ikuho Kochi, Bryan Hubbell, Randall Kramer. *An Empirical Bayes Approach To Combining And Comparing Estimates Of The Value Of A Statistical Life (Discussant: Carol Mansfield)*

**Session 11H: Technology Adoption** *(Chair: Karen Palmer)*

Alan Collins, Richard D Harris. *Does Plant Ownership Affect The Level Of Pollution Abatement Expenditure? (Discussant: Wilma Anton)*

Karen Fisher-Vanden, Gary Jefferson, Hongmei Liu, Quan Tao. *What Is Driving China's Decline In Energy Intensity? (Discussant: Ming Lei)*

Richard D Morgenstern, Mun S Ho, Jhih-Shyang Shih, Xuehua Zhang. *The Near-Term Impacts Of Carbon Mitigation Policies On Manufacturing Industries (Discussant: Uwe Schneider)*


**Session 11I: Coordination** *(Chair: Christoph Boehringer)*

Urs Steiner Brandt. *Unilateral Actions, The Case Of International Environmental Problems (Discussant: Alfred Endres)*


**Conference Program Page 24**
Leo Simon, Rachael Goodhue, Gordon C Raussser, Sylvie Morardet. Structure And Power In Multilateral Negotiations: An Application To French Water Policy (Discussant: Erin Mansur)

Thomas P Lyon, John W Maxwell. Interest Group Lobbying And Corporate Strategy (Discussant: Daniel Sturm)

Parallel Session 12 Wednesday, June 26th 2002 - 4:30 - 6:00 pm

Session 12C: Fuel Taxes (Chair: Kenneth Small)

Charlotte Hagner. Gasoline Lead Content Reduction Policies - A Successful Case Of Environmental Policies In The European Union (Eu)?

Shelby Gerking, Mitch Kunce, William Morgan. State Taxation, Exploration, And Production In The U.S. Oil Industry

Ida Ferrara. Automobile Quality Choice Under Pollution Control Regulation


Karl W. Steininger. Environmentally Counterproductive Support Measures In Transport: A Cge Analysis For Austria

Akira Hibiki, Toshihide Arimura. Empirical Study On The Effect Of The Fuel Tax In Japan On The Vehicle Selection And The Nox Emission

Virginia D Mcconnell, Winston Harrington. Differential Fuel Taxes: Lessons Learned From The European Experience

James E. Cochell, Thomas N. Taylor, Peter M. Schwarz. Industrial Customer Hourly Response To Electricity Real-Time Pricing: Short Run And Long Run

Session 12D: China & Developing Countries (Chair: Richard Garbaccio)

Karen Fisher-Vanden, Gary Jefferson. R&D And Energy Use In Chinese Industry

José Miguel Sánchez, Raúl O’Ryan. Comparing The Net Benefits Of Incentive Based And Command And Control Regulations In A Developing Context : The Case Of Santiago, Chile

Susan Dada Mungatana. Prospects For Enhancing Pollution Control In Developing Countries: The Case Of The Pan African Paper Mill In Kenya

Leo Simon, Rachael Goodhue, Gordon C Raussser, Sylvie Morardet. Structure And Power In Multilateral Negotiations: An Application To French Water Policy (Discussant: Erin Mansur)

Thomas P Lyon, John W Maxwell. Interest Group Lobbying And Corporate Strategy (Discussant: Daniel Sturm)
Hua Wang, Yanhong Jin. *Ownership and Industrial Pollution Control: Evidence From China*

Yanhong Jin, Hua Wang, David Zilberman. *Environmental Inspection, Community Complaints, and Industrial Pollution Abatement: Evidence From China*

Maximilian Auffhammer. *Predicting Regional Air Pollution - Forecasting With the EKC*

**Session 12E: Environmental Policy Issues**
*(Chair: Bruce Peacock)*


Paul J Ferraro. *Institutional Coordination in the Presence of Joint Production and Spatial Heterogeneity*


Dawn Cassandra Parker, Thomas Berger. *Multi-Agent Modeling of Interlinked Socioeconomic and Biophysical Processes at Multiple Spatial Scales*

Carlisle Pemberton. *Acquiring Information on the Environment for Economic Decision Making*

Justus Wesseler. *The Option Value of Scientific Uncertainty on Pest-Resistance Development of Transgenic Crops*


**Session 12F: Water**
*(Chair: Yacov Tsur)*

Peter Reinelt. *Water Policy and The Political Economy of Water Without Economists: Seventy Years of Seawater Intrusion Into the Aquifers of Monterey County*


Javier Calatrava, Alberto Garrido. *The Efficiency of Spot Water Markets Under Uncertain Water Supply*

Kurt Schwabe, Keith Knapp, Iddo Kan. *Integrated Drain Water Management in the Central Valley*

Chieko Umetsu. *The Optimal Dynamic Model of Conjunctive Water Use*


Keith C Knapp. *Economics of Groundwater Quality*


**Session 12G: Pollution Regulation 4**
*(Chair: Anastasios Xepapadeas)*


Spencer Banzhaf, Randall Walsh. *Testing for Environmental Gentrification: Migratory Responses to Changes in Air Quality in Los Angeles*

Carol McAusland. *Eco-Imperialism: Bad for the Environment?*

Kent D Messer. *Should Poachers Be Shot-On-Sight? Efficiency Versus Ethics*
SECOND WORLD CONGRESS OF ENVIRONMENTAL AND RESOURCE ECONOMISTS

T. Robert Fetter, Michael A. O Ash. *The Demographics Of Pollution: Evidence From The Epas Risk-Screening Environmental Indicators Model*

Jon M Conrad, V. Bosetti, E. Messina. *Ginostra: The Value Of Flexibility*

Session 12I: Biodiversity (Chair: Arthur Small)

Linda Fernandez. *Migratory Species Management To Enhance Biodiversity In Several Countries*

Richard Jensen. *Economic Policy For Invasive Species*

Stefan Baumgartner. *Biodiversity As Insurance - The Case Of Agricultural Crop Variety*

Stefan Baumgartner. *Optimal Biodiversity Conservation In A Multi-Species Ecosystem With Interacting Species*

Christopher Costello. *Bioprospecting Reconsidered*

Hilary Anderson, Brian Van Wilgen, Martin De Wit, Dave Le Maitre. *A Cost-Benefit Analysis Of Biological Control Of Invasive Alien Plants: Case Studies From South Africa*

Mahadev G Bhat. *Exclusivity And Expropriation In Bioprospecting: Endogenous Rent Determination For Biodiversity Conservation*

Sean B Cash. *The Value Of Habitat Conservation For Bioprospecting*

Huda Abdelwahab Sharawi. *Optimal Land-Use Allocation In The Blue Nile Flood Basin Of Central Sudan*

Ronald L Trosper. *Contingent Proprietorship: An American Indian Approach To Resilience*

Samuel M Mwakubo, Gedion A Obare, Wilson K Yabann. *The Influence Of Road Infrastructure On Soil Conservation, Resource Use And Farm Level Crop Production In The Semi-Arid Lands, Kenya: The Case Of Maize And Bean Production*

Ram K Shrestha, Janaki R. R Alavalapati. *Valuing Environmental Benefits Of Agroforestry Using Attribute-Based Stated Preference Method*

Session 12I: Land Policies (Chair: Nancy E. Bockstael)

Thomas Kuhn, James Cassing. *The Political Economy Of Strategic Environmental Policy When Waste Products Are Tradable*

Robin R Jenkins, Kelly Maguire, Cynthia Morgan. *Host Community Compensation And Municipal Solid Waste Landfills*

**Session 12H: Trade And The Environment**

(Chair: Carlo Carraro)

Amitrajeet A Batabyal, Hamid Beladi. *A Differential Game Theoretic Analysis Of International Trade In Renewable Resources*

Meeta Keswani Mehra. *Interaction Between Trade And Environment Policies With Special Interest Politics*

Joseph Cooper, Mark Peters, Wesley Nimon, Robert House. *Environmental Impacts Of A Free Trade Agreement Of The Americas*

Elissaios Papyrakis, Lorenzo Pellegrini, Reyer Gerlagh. *Effects Of Free Trade On Emissions Of A Global Pollutant*

Giovanni Baiocchi. *Towards Explaining The "Pollution" Gap Between Rich And Poor Countries*

Nazmiye Balta, Kieran Donaghy. *Harmonization Of Environmental Policies Between The Eu-15 And ‘New Accession’ Countries*

Susana Ferreira. *Deforestation, Property Rights And International Trade*

Carol McAusland, Christopher Costello. *Avoiding Invasives: Trade Related Policies For Preventing Introductions Of Exotic Species*

**Session 12I: Trade And The Environment**

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Amirjan A Batabyal, Hamid Beladi. *A Differential Game Theoretic Analysis Of International Trade In Renewable Resources*

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Second World Congress of Environmental and Resource Economists

Panel Discussions Wednesday, June 26th, 2002 - 6:05 - 7:15 pm

Session 13A: Uncertainty, Irreversibilities And Timing In Climate Regulation (Chair: Charles Kolstad)
Panelists: Anthony Fisher, Alistair Ulph, Michael Hoel, Richard Howarth

Session 13B: The Future Of Large Water Projects (Chair: Michael Hanemann)
Panelists: Juan Carlos Belaustegui, John Dracup, Richard Howitt, Isha Ray

Session 13C: Economic Research Needs For Environmental Policy (Chair: Matthew Clark, US EPA)
Panelists: Paul DeCivita, Bryan Hubbell, V. Kerry Smith, Tom Crocker, Stale Navrud

Session 13D: Experiences On The Implementation Of Economic Instruments In Latin America
Panelists: Ronaldo Seroa da Motta Juan Carlos Belaustegui, Armando Llop Carlos Murillo, Ardila Sergio Raul O’Ryan, Guillermo Donoso

Session 13E: Environmental Economics At The World Bank - Applications And Limitations (Chair: John Dixon, The World Bank)
Panelists: Gayatri Acharya, Giovanni Ruta, Kirk Hamilton

Session 13F: Future Research Directions In Environmental And Resource Economics (Chair: Richard T. Carson)
Panelists: Ian Bateman (Environmental and Resource Economics), Joe Herriges (Journal of Environmental Economics and Management), Charles Perrings (Environment and Development Economics)

Session 13G: Recent Developments In Choice Modelling (Chair: Jordan Louviere)
Panelists: JR DeShazo, Susana Mourato, Douglas Shaw

Session 13H: Recent Developments In Emissions Trading In Europe And The US - Climate Change And Acidification (Chair: Frank Convery)
Panelists: Ray Kopp, Dallas Burtraw, Carlos Carraro, Jean Charles Hourcadee

Parallel Session 14 Thursday, June 27th, 2002 - 8:00 - 10:00 am

Session 14A: The Economics Of Urban Sprawl And Land Use Change (Chair: Charles Kolstad)
Renan-Ulrich Goetz, David Zilberman. The Economics Of Land Zoning: The Dynamic Approach (Discussant: Antonio Bento)
Session 14D: Climate Change  (Chair: Stephen Beare)

Marzio Galeotti, Efrem Castelnuovo, Gretel Gambarelli, Sergio Vergalli.  Learning By Doing Vs Learning By Researching In A Model For Climate Change Policy Analysis  (Discussant: Quinn Weninger)

Trudy Ann Cameron, Geoffrey R Gerdes.  Measuring Subjective Expected Climate Change Mitigation Benefits  (Discussant: Sandra Greiner)

Camilla Bretteville.  Decision Criteria, Scientific Uncertainty, And The Global Warming Controversy  (Discussant: Norimichi Matsueda)

Erin Baker.  Uncertainty And Learning In A Strategic Environment: Global Climate Change  (Discussant: Julie Hewitt)

Session 14E: Discounting  (Chair: Chad Settle)


Jae-Seung Lee.  Subjective Benefits From Climate Change Mitigation: Intermediate Results From A Household Survey  (Discussant: Ted Tomasi)

David F Layton, Richard Levine.  How Much Does The Far Future Matter? A Hierarchical Bayesian Analysis Of The Public’s Willingness To Mitigate Ecological Impacts Of Climate Change  (Discussant: Thomas Holmes)

Alain Ayong Le Kama, Katheline Schubert.  The Consequences Of An Endogenous Discounting Depending On Environmental Quality  (Discussant: James Murphy)

Session 14F: Tutorial

Jordan Louviere.  Experimental Design For Choice Experiments  (2.0 Hours)
Session 14G: Exhaustible Resources  (Chair: Jeff Krautkraemer)

Ujjayant Chakravorty, Darrell Krulce, James A Roumasset. Exhaustible Resource Extraction Under Demand Heterogeneity (Discussant: Jean-Daniel Saphores)

Carolyn Fischer, Ramanan Laxminarayan. Monopoly Extraction Of An Exhaustible Resource With Two Markets (Discussant: Ellen Burns)

Michael J Roberts. Can Portfolio Theory Explain Flat And Downward Natural Resource Price Trends? (Discussant: Richard Howitt)

Miguel Buñuel. Estimating The Effects Of Technology And Depletion On The Real Price Of Copper In The U.S. Using A Cointegration Approach (Discussant: Douglass Shaw)

Session 14H: Pollution Control & Uncertainty  (Chair: Till Requate)

Tom Verbeke, Marc De Clercq. Environmental Policy, Policy Uncertainty And Relocation Decisions (Discussant: Nada Wasi)

Anastasios Xepapadeas, William Brock. Regulating Non Linear Environmental Systems Under Knightian Uncertainty (Discussant: David Martin)

Bouwe Dijkstra, Daan Van Soest. Environmental Uncertainty And Irreversible Investments In Abatement Technology (Discussant: Zheng Zhang)

Yo Nagai. Optimal Standards Under Discretionary Enforcement (Discussant: Richard Howarth)

Session 14I: Forest 4  (Chair: Jerald Fletcher)

Erkki Koskela, Luis Alvarez. Wicksellian Theory Of Forest Rotation Under Interest Rate Variability (Discussant: Aldo Cerda)


Anne-Sophie Crépin. Management Models For Multi-Species Boreal Forests (Discussant: Angels Xabadia)

Chantal Line Carpentier, Tamara Gomes, Stephen A Vosti, Julie Witcover. Impacts Of Soil Quality Differences On Deforestation, Use Of Cleared Land, And Farm Income (Discussant: Camille Antinori)

Parallel Session 15 Thursday, June 27th 2002 - 10:15 - 11:45 am

Session 15A: Spatial Modelling  (Chair: Matthew Kahn)

Konstantinos T Alexandridis, Bryan C Pijanowski. Multi Agent-Based Environmental Landscape (Mabel) – An Artificial Intelligence Simulation Model: Some Early Assessments

Amitrajeet A Batabyal. Time Invariant Decision Rules And Land Development: A Dynamic And Stochastic Analysis

Austin Troy, Jeff Romm. The Role Of Disclosure In The Flood Zone: Assessing The Price Effects Of The California Natural Hazard Disclosure Law (Ab 1195)


Kurt Bisang. Direct Democracy And Institutional Change Of Landscape Regimes. Empirical Evidence Of Changes From The 1970Ies To The 21St Century In Switzerland

Colin Vance, Rich Iovanna. Duration Modeling Of Land-Use Change In North Carolina: An Assessment Of Species Vulnerability To Habitat Loss

Session 15B: Sustainable Development 2  (Chair: Dirgha Tiwari)

Tisha L. N Emerson, Linwood H Pendleton. Income, Environmental Disamenity, And Toxic Releases
Daan Van Soest, John List, Tim Jeppesen. *A Shadow Price Approach To Measuring The Costs Of Increased Environmental Stringency*

R. Jayaraman. *Policy Options For Shark Resource Management In The Indian Eez*

Donna Theresa Ramirez, Madhu Khanna, David Zilberman. *Conservation Capital And Sustainable Economic Growth*

Peder Andersen, Jon G Sutinen. *Efficiency Of Cost-Recovery Mechanisms: The Fishery*

Yacov Tsur, Amos Zemel. *Growth, Scarcity And R&D*

Guillermo E Herrera. *Implications Of Asymmetric Information And Uncertainty For The Economics Of Bycatch And Discarding*

Kathleen P Bell, Nancy E Bockstael, Michele McMahon. *How Smart Are Smart Growth Policies?*

Anil Markandya, Pamela Mason. *An Economic Analysis Of The Problem Of Sturgeon Depletion In The Caspian Sea*

Zbigniew Bochniarz, Sandra O Archibald. *Evaluating Sustainability Of Economies In Transition: A Comparative Study*

Niels Vestergaard, Dale Squires, Kristiaan Kerstens. *Industry Capacity For A Common Pool Resource: The Danish Fishery*


Lisa Chapman, Stephen Beare. *Managing With Imperfect Access Rights*

Christopher Costello, John K Stranlund. *Non-Compliance In Itq Fisheries*

**Session 15C: Pollution Control And Incentive Effects** *(Chair: Theodore Groves)*

Eftichios Sartzetakis, Effrosyni Diamantoudi. *Stable International Environmental Agreements: An Analytical Approach*

Pei-Ing Wu, Ming-Ta Su. *Design Of An Efficient And Complete Elicitation Decision Process In Contingent Valuation Method: Benefit Evaluation Of Kengting National Park In Taiwan*


Dominika Dziegielewksa, Robert Mendeloshn. *Does “No” Mean “No”? Protest Responses And Contingent Valuation*

Greg Hunter. *Endogenous Learning And The Option To Invest*


Maria Khovanskaia. *Incentive Contracts For Abatement Projects With Costly Self-Audit By The Agent*

Megan Werner. *The Effects Of Extreme Design Points On Dichotomous Choice Contingent Valuation Estimates*

Minh Ha-Duong, David Keith. *Climate Strategy With Co2 Capture From The Air*

Peter Martinsson. *Can Heaping Effects In Open-Ended Data Explain The Difference Between Estimated Wtp In Open-Ended And Closed-Ended*

Kim Hang Pham Do, Henk Folmer. *Strategies For International Environmental Cooperation*

**Session 15D: Fisheries 2** *(Chair: Jim Wilen)*

**Session 15E: Environmental Valuation 9** *(Chair: David Layton)*
Contingent Valuation Surveys? An Application To Solid Waste Management In Sri Lanka

Julie Hewitt. Bias And Efficiency In The Iterative Paired Approach To Nonmarket Valuation

J. R Deshazo, German Fermo. Designing Choice Sets For Stated Preference Methods: The Effects Of Complexity On Choice Consistency

Thomas P Holmes, Kevin J Boyle. Dynamic Anchoring And Distributed Lag Responses In A Binary Choice Experiment

Session 15F: Pollution Markets (Chair: John Livernois)


Harald Tauchmann. Co2 Abatement And Fuel Mix In German Electric Power Generation - What Are The Carbon Reduction Options Abandoned By The Ecological Tax Reform?

Norimichi Matsueda, Koichi Futagami, Akihisa Shibata. Environmental Transfers Against Global Warming: A Credit-Based Program

Matti Liski. Carbon Reduction Market

Matti Liski, Olli Tahvonen. Can Carbon Tax Eat Opec's Rents?

Snorre Kverndokk, Antonio Gómez Gómez-Plana. Can Carbon Taxation Reduce Spanish Unemployment?

Spencer Banzhaf, Dallas Burtraw. Efficient Emission Fees In The Us Electricity Sector

Session 15G: Protecting California'S Environment: A Session Covering Research Recently Funded By The Giannini Foundation (Chair: Anthony Fisher)

Session 15H: Environmental Valuation 10 (Chair: Nicholas Hanley)

Mark Morrison. Does Revealing The Goal Of A Stated Preference Study Lead To Strategic Behavior?

Elisabetta Strazzera, Margarita Genius, Riccardo Scarpa, George Hutchinson. The Effect Of Protest Votes On The Estimates Of Wtp For Use Values Of Recreational Sites

Juergen Meyerhoff. The Influence Of General And Specific Attitudes On Stated Willingness To Pay. A Composite Attitude-Behaviour Model

James J Murphy, Darryl Weatherhead, Thomas J Stevens. Controlling For Hypothetical Bias In Contingent Valuation Studies

Thomas C Brown, Icek Ajzen. Further Tests Of Entreaties To Avoid Hypothetical Bias In Referendum Contingent Valuation

Steven Stewart, Alok Bohara, David S. Brookshire, Phil Ganderton. Lab And Field Studies Of Experience And Subject Pool Effects In Contingent Valuation

Session 15I: Water & Development 1 (Chair: Haynes Goddard)

Khorshed Alam. Valuing The Buriganga River Cleanup: An Integration Of The Environment Into Decision-Making

Fahim Uddin. "Rural Water Supply And Environmental Sanitation Project In U.P. Hills (India): A Model For South Asia"

Bishwanath Goldar, Nandini Banerjee. "Informal Regulation And Water Quality In Rivers In India"

Purnamita Dasgupta. "Benefits Of Safe Water For The Urban Poor In Delhi, India: Alternative Valuation Measures"


Nicola King. "Valuing A City’S Water: The Tshwane Case Study"

M. G. Chandrakanth, B. Shivakumarawamy, KM Sathisha, G. Basavaraj. "Negative Externality Due To Cumulative Interference Of Irrigation Wells In Groundwater Irrigation In Hard Rock Areas Of Peninsular India"

**Session 4S: Steinbeck Forum 4 Thursday, June 27th 2002 - 11:45 - 1:00 pm** (Chair: Richard T. Carson)

Kenneth Arrow. "Paradoxes Of Sustainability: Theoretical And Empirical"

**Parallel Session 16 Thursday, June 27th 2002 - 2:15 - 4:15 pm**

**Session 16A: Dealing With Transport Externalities In A Second Best World 1** (Chair: Stef Proost)

Antonio Bento, Sarmila Mallik. "Controlling Vehicle Air Pollution In Developing Countries: The Critical Significance Of The Irregular Transportation Sector."


Winston Harrington, David Mason, Peter Nelson, Elena Safirova. "Distributional Consequences Of Road Pricing Policies On A Network Representing A Real City."

Ian W.H. Parry, Kenneth A. Small. "On Optimal Fares For Public Transport."

**Session 16B: Climate Change** (Chair: Alfred Endres)

Lawrence H. Goulder, A. Lans Bovenberg. "Addressing Industry-Distributional Concerns In U.S. Climate-Change Policy (Discussant: Santiago Rubio)"

Christoph Böhringer. "Rio -10 Years After - A Critical Appraisal Of Climate Policy (Discussant: Barbara Buchner)"

Sandra Greiner. "Sharing The Climate Policy Burden In The Eu (Discussant: James Manley)"

Denise Van Regemorter, Proost Stef. "Interaction Between Local Air Pollution And Global Warming And Its Policy Implications For Belgium (Discussant: Roberton Williams)"

**Session 16C: Hedonic Models 2** (Chair: Ray Palmquist)

Christine Poulos, Kerry Smith. "Measuring The Disamenity Impacts Of Interstate Highways (Discussant: Randall Rosenberger)"

John B. Loomis, Vicki Rameker, Andy Seidl. "A Public Hedonic Model Of Public Market Transactions For Open Space Protection And Implicit Prices Of Open Space Attributes (Discussant: Diane Hite)"

Laura Taylor, Keith Ihlanfeldt. "Assessing The Impacts Of Environmental Contamination On Commercial And Industrial Properties (Discussant: Jim Chalfant)"
René Van Der Kruk. *Impacts Of Wetland Amenities On The Dutch Housing Market* (Discussant: Michael Papenfus)

**Session 16D: Side Effects Of Pollution Control** *(Chair: Eban Goodstein)*

Mireille Chiroleu-Assouline, Mouez Fodha. *Double Dividend Hypothesis, Golden Rule And Welfare Distribution* (Discussant: Eban Goodstein)


Tomislav Vukina, Pierre Dubois, Philippe Bontems. *Optimal Regulation Of Private Production Contracts With Environmental Externalities* (Discussant: Eirik Romstad)

Robert D Mohr, Don Fullerton. *Suggested Subsidies Are Sub-Optimal Unless Combined With An Output Tax* (Discussant: Spencer Banzhaf)

**Session 16E: Population: An Essential Component Of Environmental And Resource Economics** *(Chair: Alain DeJanvry)*

Partha Dasgupta. *Population And The Environment*

Mark R. Rosenzweig. *Population And The Environment: The Case Of Forests*

**Session 16F: Fisheries 3** *(Chair: Ivar Strand)*

Quinn Weninger, James R Waters. *Economic Benefits Of Management Reform In The Northern Gulf Of Mexico Reef Fish Fishery* (Discussant: Peder Andersen)

Basil M. H Sharp, Chris J Batstone. *Rights Based Fishing: Evidence From The New Zealand Rock Lobster Fishery* (Discussant: Christopher Dumas)

Victor Kasulo, Charles Perrings. *Fishing Down The Value Chain: Modelling The Impact Of Biodiversity*

Loss In Freshwater Fisheries - The Case Of Malawi. (Discussant: Guillermo Herrera)

Gardner Brown, Brett Berger, Moses Ikiara. *Lake Victoria Fisheries: Policy Conflicts Created By Predator-Prey Relations* (Discussant: James Roumasset)

**Session 16G: Emerging Issues** *(Chair: Rudiger Pethig)*

Jyoti K Parikh, Kirit S Parikh. *Satellite Accounts For Natural Resources In India* (Discussant: Geoffrey Heal)


Juan Belausteguiotita. *Gwia Causal Chain Analysis Methodology* (Discussant: Richard Howitt)


**Session 16H: Resource Management** *(Chair: John Kennedy)*

Anastasios Xepapadeas, Aart De Zeeuw, Karl-Göran Mäler. *Feedback Equilibria For A Class Of Non-Linear Differential Games In Resource Economics* (Discussant: Minh Duong)


Session 16I: Ecolabelling  (Chair: Bruce Larson)

Mads Greacker. Eco-Labels, Production Related Externalities And Trade (Discussant: Krishna Paudel)

Sangeeta Bansal, Shubhashis Gangopadhyay. Presence Of Environmentally Aware Consumers: Bat Is Bad (Discussant: Patrizia Riganti)

Charles F Mason. On The Economics Of Eco-Labeling (Discussant: David Brookshire)

Christopher D Clark. Deriving An Optimal Environmental Certification Standard With A Spatial Product Differentiation Model (Discussant: Heleen Bartelings)

Parallel Session 17 Thursday, June 27th 2002 - 4:30 - 6:00 pm

Session 17A: Dealing With Transport Externalities In A Second Best World 2  (Chair: Stef Proost)

Kurt van Dender. Transport Taxes With Multiple Trip Purposes.

Rob Williams, Sarah West. Empirical Estimates For Environmental Policy Making In A Second-Best Setting.

E. Calthrop, B. De Borger, Stef Proost. Externality Taxes In The Transport Sector In A Distorted Economy.

Session 17B: Classical Issues  (Chair: Cees Withagen)


Urvashi Narain, Anthony Fisher, Michael Hanemann. The Irreversibility Effect: Necessary Versus Sufficient Conditions

Session 17C: Environmental Valuation 11  (Chair: Maria Cunha-e-Sa)

Sudip Chattopadhyay. A Repeated Sampling Experiment In Assessing The Validity Of Benefit Transfer In Valuing Non-Market Goods

Randall S Rosenberger, Tim T Phipps. Site Correspondence Effects In Benefit Transfers: A Meta-Analysis Transfer Function

Session 17D: Pollution Regulation 5  (Chair: Eric Dada)

John Horowitz, Sushenjit Bandyopadhyay. Randomness In Point-Source Water Pollution: Evidence And Implications

Abay Mulatu, Raymond Florax, Cees Withagen. Environmental Regulation And Competitiveness: A Meta Analysis Of International Studies

Sonja Teelucksingh, Charles Perrings. Environmental Variables And The Gordon-Schaefer Model: A Case Study Of The Shrimp Fishery Of The Gulf Of Paria, Trinidad

Mark Brady. The Cost-Efficiency Of Swedish Arable-Nitrogen Abatement Policy

Robert C Johansson, Mark A Peters, Jonathan D Kaplan, Roger Claassen. Agri-Environmental
Efficiency: Potentials And Pitfalls For Eqip In The 2002 Farm Bill

Randall A Bluffstone, Rafat Fazeli. What Is The Value Of The San Timoteo Canyon? A Contingent Valuation Study

Shirra Freeman, Naomi Zeitouni. Optimal Development With Stochastic Environmental Impacts

Session 17G: Wetlands (Chair: Randall Kramer)

Abdellatif Khattabi, Mohammed Benslimane. Determining User-Fees To Sustain Recreation Activities In A Wetland

John P Hoehn, Michael D Kaplowitz, Frank Lupi. The Role Of Valuation In Cap And Trade Systems For Ecosystem Resources: An Analysis Of Wetlands Mitigation And Banking


Randall Kramer, Jonathan Eisen-Hecht, Christopher Liese, Evan Mercer. The Influence Of Program Design Attributes On Wetland Restoration Choices

Tracy Boyer. Wetland Restoration Site Selection Under Wetland Mitigation Banking In Minnesota: A Spatial Economic Analysis Of Alternative Regulatory Objectives


Session 17H: Health Effects (Chair: Daigee Shaw)

Thomas D Crocker, David W Archer, Jason F Shogren. Environmental Hazards And Child Care

Sujittra Vassanadumrongdee, Shunji Matsuoka. A Meta-Analysis Of Short-Term Morbidity Contingent Valuation Studies

Charles W Griffiths, Nathalie B Simon, Tracey Woodruff. Air Pollution And Asthma: The Effects Of Short-Term Exposure On Asthma Medication Use

Stefanos A Nastis. The Power Of Place

Carol Mansfield, Tim Wilcosky. The Cost Of Asthma: Cost-Of-Illness Estimates Of Acute Asthma Episodes

Session 17l: Risk (Chair: David Zilberman)

Olivier Mahul. Coping With Catastrophic Risk: The Role Of (Non-)Participating Contracts

W. Douglass Shaw, Mary Riddel. Episodic Emissions And Nuclear Waste Transport:

Amitrajeet A Batabyal. Bid Values And Their Role In Land Development Over Time And Under Uncertainty

Amitrajeet A Batabyal. Alternate Decision Rules, The Flexibility Premium, And Land Development Over Time And Under Uncertainty


Olivier Mahul, Brian D Wright. On The Propensity For Self-Insurance Under Threat Of Failure: An Application To The Optimal Size Of Refuge For Transgenic Crops

Jonathan Buttle, Daniel Rondeau. Option Values At The Margin: Assessing The Desirability Of Expanding A Protected Area