The Official Journal of the European Association of Environmental and Resource Economists



# The Official Journal of the European Association of Environmental and Resource Economists

Volume 57 · Number 1 · January 2014

Pollution Haven with Technological Externalities Arising from Foreign Direct Investment

K.-D. Lee · W. Lee · K. Kang 1

The Effect of Decentralized Governance on Timber Extraction in European Russia K.J. Wendland · D.J. Lewis · J. Alix-Garcia 19

**Endogenous Lobby Formation and Endogenous Environmental Protection** with Unilateral Tariff Reduction

S. Kawahara 41

Valuing Options in Water Markets: A Laboratory Investigation

K. Hansen · J. Kaplan · S. Kroll 59

The Inefficiency of Private Adaptation to Pollution in the Presence of Endogenous Market Structure

K. Eisenack 81

Noxious Facilities, Environmental Damages, and Efficient Randomized Siting R. Santore 101

Getting Cars Off the Road: The Cost-Effectiveness of an Episodic Pollution Control Program

M.L. Cropper · Y. Jiang · A. Alberini · P. Baur 117

Environmental Innovations and Firm Profitability: Unmasking the Porter Hypothesis S. Rexhäuser · C. Rammer 145



Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social Science, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

# The Official Journal of the European Association of Environmental and Resource Economists

Volume 57 · Number 2 · February 2014

Special Issue: Economic Analysis for the UK National Ecosystem Assessment

Guest Editor: Partha Dasgupta

The UK-NEA Papers: Introduction

P. Dasgupta 169

The Amenity Value of English Nature: A Hedonic Price Approach

S. Gibbons · S. Mourato · G.M. Resende 175

Valuing Provisioning Ecosystem Services in Agriculture: The Impact of Climate Change on Food Production in the United Kingdom

C. Fezzi · I. Bateman · T. Askew · P. Munday · U. Pascual · A. Sen · A. Harwood 197

Valuing Climate Change Effects Upon UK Agricultural GHG Emissions: Spatial Analysis of a Regulating Ecosystem Service

D.J. Abson · M. Termansen · U. Pascual · U. Aslam · C. Fezzi · I. Bateman 215

Economic Assessment of the Recreational Value of Ecosystems: Methodological Development and National and Local Application

A. Sen · A.R. Harwood · I.J. Bateman · P. Munday · A. Crowe · L. Brander · J. Raychaudhuri · A.A. Lovett · J. Foden · A. Provins 233

The Value of Urban Green Space in Britain: A Methodological Framework for Spatially Referenced Benefit Transfer

G. Perino · B. Andrews · A. Kontoleon · I. Bateman 251

Economic Analysis for the UK National Ecosystem Assessment: Synthesis and Scenario Valuation of Changes in Ecosystem Services

I.J. Bateman · A.R. Harwood · D.J. Abson · B. Andrews · A. Crowe · S. Dugdale · C. Fezzi ·

J. Foden · D. Hadley · R. Haines-Young · M. Hulme · A. Kontoleon · P. Munday · U. Pascual ·

J. Paterson · G. Perino · A. Sen · G. Siriwardena · M. Termansen 273

Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social SciSearch, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

# The Official Journal of the European Association of Environmental and Resource Economists

Volume 57 · Number 3 · March 2014

International Transport of Captured CO<sub>2</sub>: Who Can Gain and How Much?

J. Morbee 299

Natural Resources, Institutional Quality, and Economic Growth in China K. Ji · J.R. Magnus · W. Wang 323

Optimal Timing of CCS Policies with Heterogeneous Energy Consumption Sectors J.-P. Amigues · G. Lafforgue · M. Moreaux 345

The Effect of Feed-in Tariffs on Renewable Electricity Generation: An Instrumental Variables Approach M.G. Smith · J. Urpelainen 367

Enjoying Catch and Fishing Effort: The Effort Effect in Recreational Fisheries M.T. Stoeven 393

Willingness to Pay for Voluntary Climate Action and Its Determinants: Field-Experimental Evidence
J. Diederich · T. Goeschl 405

Improving Environmental Performance: A Challenge for Romania R. Sova · C. Rault · G.M. Caporale · A. Sova 431

Salt or Sludge? Exploring Preferences for Potable Water Sources F.L. Gibson · M. Burton 453

Erratum 477



Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social Science, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

# The Official Journal of the European Association of Environmental and Resource Economists

Volume 57 · Number 4 · April 2014

Special Issue: Explorations in the Environment-Development Dilemma

Guest Editors: Pascale Combes Motel · Johanna Choumert · Alexandru Minea · Thomas Sterner

Explorations in the Environment–Development Dilemma P. Combes Motel · J. Choumert · A. Minea · T. Sterner 479

Environmental Quality, Public Debt and Economic Development M. Fodha · T. Seegmuller 487

Modeling Impact of Development Trajectories and a Global Agreement on Reducing Emissions from Deforestation on Congo Basin Forests by 2030

A. Mosnier · P. Havlík · M. Obersteiner · K. Aoki · E. Schmid · S. Fritz · I. McCallum · S. Leduc 505

Weather Index Drought Insurance: An Ex Ante Evaluation for Millet Growers in Niger A. Leblois · P. Quirion · A. Alhassane · S. Traoré 527

Managing Environmental Risk in Presence of Climate Change: The Role of Adaptation in the Nile Basin of Ethiopia

S. Di Falco · M. Veronesi 553



Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social SciSearch, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

# The Official Journal of the European Association of Environmental and Resource Economists

Volume 58 · Number 1 · May 2014 ...

Specifications of Social Welfare in Economic Studies of Climate Policy: Overview of Criteria and Related Policy Insights

W.J.W. Botzen · J.C.J.M. van den Bergh 1

A Meta-study Investigating the Sources of Protest Behaviour in Stated Preference Surveys

J. Meyerhoff · M.R. Mørkbak · S.B. Olsen 35

The Energy-Bias of North-South Technology Spillovers: A Global, Bilateral, Bisectoral Trade Analysis

M. Hübler · A. Glas 59

Why has Europe Become Environmentally Cleaner? Decomposing the Roles of Fiscal, Trade and Environmental Policies

R. López · A. Palacios 91

Can Non-point Phosphorus Emissions from Agriculture be Regulated Efficiently Using Input-Output Taxes?

L.B. Hansen · L.G. Hansen 109

On the Stochastic Properties of Carbon Futures Prices

J. Chevallier · B. Sévi 127

Unilateral Climate Policy: Harmful or Even Disastrous?

H. Ritter · M. Schopf 155

Distance Dis

Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social Science, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

# The Official Journal of the European Association of Environmental and Resource Economists

Volume 58 · Number 2 · June 2014

An Empirical Analysis of a Regional Dutch Disease: The Case of Canada E. Papyrakis · O. Raveh 179

Interspecies Management and Land Use Strategies to Protect Endangered Species R.T. Melstrom · R.D. Horan 199

Comparing Regulations to Protect the Commons: An Experimental Investigation S. Ambec  $\cdot$  A. Garapin  $\cdot$  L. Muller  $\cdot$  A. Reynaud  $\cdot$  C. Sebi 219

Evaluating Unit-Based Pricing of Residential Solid Waste: A Panel Data Analysis T. Usui · K. Takeuchi 245

Is There a Long-Term Relationship Between Agricultural GHG Emissions and Productivity Growth? A Dynamic Panel Data Approach
S. Coderoni · R. Esposti 273

Do Protected Areas Reduce Forest Fragmentation? A Microlandscapes Approach K.R.E. Sims 303



Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex. International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index. Social SciSearch, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

# The Official Journal of the European Association of Environmental and Resource Economists

Volume 58 · Number 3 · July 2014

Behavioral Environmental Economics: Promises and Challenges R. Croson · N. Treich 335

**Information Sharing and Cooperative Search in Fisheries** K.S. Evans · Q. Weninger 353

Optimal Pollution Abatement Under 'Sustainable' and Other Social Time Preferences R. Guest 373

Does Foreign Environmental Policy Influence Domestic Innovation? Evidence from the Wind Industry

A. Dechezleprêtre · M. Glachant 391

Is Local Food More Environmentally Friendly? The GHG Emissions Impacts of Consuming Imported versus Domestically Produced Food M. Avetisvan · T. Hertel · G. Sampson 415

Implications of a Discard Ban in Multispecies Quota Fisheries A. Hatcher 463

Estimating Tropical Cyclone Damages Under Climate Change in the Southern Hemisphere Using Reported Damages S.N. Seo 473

Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social Science, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

The Official Journal of the European Association of Environmental and Resource Economists

Volume 58 · Number 4 · August 2014

Bliss, Catastrophe, and Rational Policy K.J. Arrow · M. Priebsch 491

The Short-Term Impact of a Domestic Cap-and-Trade Climate Policy on Local Agriculture: A Policy Simulation with Producer Behavior Y, Jiang · W.W. Koo 511

Quota Enforcement in Resource Industries: Self-Reporting and Differentiated Inspections

L.G. Hansen · F. Jensen · L. Nøstbakken 539

Asymmetric Tax Policy Responses in Large Economies With Cross-Border Pollution N. Tsakiris · M.S. Michael · P. Hatzipanayotou 563

Climate Change, Heterogeneities, and Stability of International Fiscal Harmonization C. Grazia · F. Gusdorf · A. Hammoudi 579

Optimal NGO Financing of a Resource Management Certification Scheme M. Fulton · J. Vercammen 605

Repeated Experimentation to Learn About a Flow-Pollutant Threshold R.A. Groeneveld · M. Springborn · C. Costello 627

Information Provision by Interest Groups
A. van der Made 649

On Emissions Trading and Market Structure: Cap-and-Trade versus Intensity Standards F.P. de Vries · B.R. Dijkstra · M. McGinty 665

Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social Scienceh, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

The Official Journal of the European Association

of Environmental and Resource Economists

Volume 59 · Number 1 · September 2014

A 4-Stated DICE: Quantitatively Addressing Uncertainty Effects in Climate Change C.P. Traeger 1

Discounting the Distant Future: An Experimental Investigation T.C. Grijalva · J.L. Lusk · W.D. Shaw 39

Strategic Investment in Climate Friendly Technologies: The Impact of Global Emissions Trading

M. Greaker · C. Hagem 65

Time-Related Characteristics of Tenancy Contracts and Investment in Soil Conservation Practices

A. Abdulai · R. Goetz 87

Environmental Regulations, Producer Responses, and Secondary Benefits: Carbon Dioxide Reductions Under the Acid Rain Program

K.L. Rødseth · E. Romstad 111

Microeconometric Analysis of Residential Water Demand C. Lopez-Mayan 137

Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social Scienceh, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

# The Official Journal of the European Association of Environmental and Resource Economists

Volume 59 · Number 2 · October 2014

Maintaining the Common Pool: Voluntary Water Conservation in Response to Varying Scarcity

E. Aisbett · R. Steinhauser 167

Joint Production of Food and Wildlife: Uniform Measures or Nature Oases? R. Hart · M. Brady · O. Olsson 187

Hazardous Waste Hits Hollywood: Superfund and Housing Prices in Los Angeles R.A. Mastromonaco 207

The Control of Invasive Species on Private Property with Neighbor-to-Neighbor Spillovers

E.P. Fenichel · T.J. Richards · D.W. Shanafelt 231

Pulse Fishing and Stock Uncertainty

J.-M. Da-Rocha · L. Nøstbakken · M. Pérez 257

Prices Versus Quantities: Technology Choice, Uncertainty and Welfare H.B. Storrøsten 275

Energy Efficiency and Rebound Effects: An Econometric Analysis of Energy Demand in the Commercial Building Sector Y. Oiu 295



Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social Science, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

# The Official Journal of the European Association of Environmental and Resource Economists

Volume 59 · Number 3 · November 2014

Meta-Modeling and Benefit Transfer: The Empirical Relevance of Source-Consistency in Welfare Measures

R.J. Johnston · K. Moeltner 337

Modeling Spatial Patchiness and Hot Spots in Stated Preference Willingness to Pay R.J. Johnston · M. Ramachandran 363

Marginal WTP and Distance Decay: The Role of 'Protest' and 'True Zero' Responses in the Economic Valuation of Recreational Water Quality

M. Söderberg · D.N. Barton 389

Multiproduct Firms and Environmental Policy Coordination

J.C. Bárcena-Ruiz · M.B. Garzón 407

Hypothetical Bias Reconsidered: Payment and Provision Uncertainties in a Threshold Provision Mechanism

Y. Mitani · N.E. Flores 433

Macroeconomic Impacts of Carbon Capture and Storage in China H. Vennemo · J. He · S. Li 455

Performance of the Ambient Tax: Does the Nature of the Damage Matter?

M. Willinger · N. Ammar · A. Ennasri 479



Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex. International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social Scienceh, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science

# The Official Journal of the European Association of Environmental and Resource Economists

Volume 59 · Number 4 · December 2014

Why do People Care about Sea Lions? A Fishing Game to Study the Value of Endangered Species

M. Gong · G. Heal 503

Second-Best Pigouvian Taxation: A Clarification

F. Gahvari 525

Multicrop Production Models with Multinomial Logit Acreage Shares

A. Carpentier · E. Letort 537

Estimation of Residential Water Demand with Imperfect Price Perception

M.-E. Binet · F. Carlevaro · M. Paul 561

Disentangling the Pure Time Effect From Site and Preference Heterogeneity Effects in Benefit Transfer: An Empirical Investigation of Transferability

G.M. Fetene · S.B. Olsen · O. Bonnichsen 583

Performance Payments for Groups: The Case of Carnivore Conservation in Northern Sweden

A. Zabel · G. Bostedt · S. Engel 613

The Effect of Gasoline Taxes and Public Transit Investments on Driving Patterns E. Spiller · H. Stephens · C. Timmins · A. Smith 633



Further articles can be found at link.springer.com

Indexed/abstracted in ABI/INFORM, ABS Academic Journal Quality Guide, Academic OneFile, AGRICOLA, ASFA, Bibliography of Asian Studies, CAB Abstracts, CAB International, Compendex, CSA/Proquest, Current Abstracts, Current Awareness in Biological Sciences (CABS), Current Contents/Social & Behavioral Sciences, E-JEL, EconLit, Elsevier Biobase, Environment Index, Gale, GeoArchive, Geobase, Geotitles, Global Health, Google Scholar, Highbeam, INIS Atomindex, International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, OCLC, Research Papers in Economics (RePEc), SCOPUS, Social Science Citation Index, Social SciSearch, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science