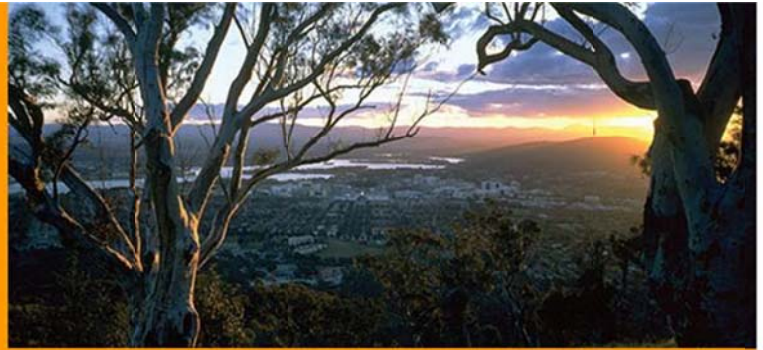


Economics and Environment Network Symposium 2010



Australian National University
22 - 24 November 2010

Economics and
Environment Network



Crawford School of
Economics and Government

PROGRAMME

Molonglo Theatre
Crawford School of Economics and Government
Lennox Crossing
Australian National University

Hosted by the Environmental Economics Research Hub
Funded by the Department of Sustainability, Environment, Water, Population
and Communities



Australian Government

Department of Sustainability, Environment,
Water, Population and Communities



Environmental Economics Research Hub

Monday, 22 November 2010

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| 8.30am – 5.00pm | Registration Desk open |
| From 8.30am | Continuous tea & coffee |
| 8.50am | Jeff Bennett WELCOME |
| SESSION 1: ENVIRONMENTAL MARKETS 1 Chair: Quentin Grafton | |
| 9.00am – 9.30am | John Rolfe USING METRICS TO EVALUATE WATER QUALITY IMPROVEMENTS IN GREAT BARRIER REEF CATCHMENTS |
| 9.30am – 10.00am | Michael Ward ECONOMICALLY EFFICIENT STRATEGIES FOR BIODIVERSITY CONSERVATION |
| 10.00am – 10.30am | Rodrigo Arriagada PAYMENTS FOR ENVIRONMENTAL SERVICES AND THEIR IMPACT ON FOREST TRANSITION IN COSTA RICA |
| 10.30am – 11.00am | Morning tea |
| SESSION 2: ENVIRONMENTAL VALUES 1 Chair: John Rolfe | |
| 11.00am – 11.30am | Galina Ivanova USING CHOICE MODELLING TO ASSESS THE WILLINGNESS TO PAY OF QUEENSLAND HOUSEHOLDS TO REDUCE GREENHOUSE EMISSIONS |
| 11.30am – 12.00pm | Jonelle Cleland/Abbie McCartney DO SCIENTISTS AND THE PUBLIC SEE EYE TO EYE? VALUING THE KIMBERLEY'S TROPICAL WATERWAYS AND WETLANDS |
| 12.00pm – 12.30pm | Dustin Garrick TRANSACTION COSTS AND ADAPTIVE EFFICIENCY IN EMERGING MARKETS FOR ENVIRONMENTAL FLOWS: LESSONS FROM THE COLUMBIA BASIN |
| 12.30pm – 1.30pm | Lunch |
| SESSION 3: CLIMATE CHANGE 1 Chair: Frank Jotzo | |
| 1.30pm – 2.00pm | David Stern ENERGY EFFICIENCY DRIVERS AND TRENDS |
| 2.00pm – 2.30pm | Jack Pezzey/Paul Burke GLOBAL SUSTAINABILITY INDICATORS AND CLIMATE DAMAGE FUNCTIONS |
| 2.30pm – 3.00pm | Ditya Nurdianto ECONOMY-WIDE IMPACT OF A CARBON TAX IN ASEAN |
| 3.00pm – 3.30pm | Afternoon tea |
| SESSION 4: EMERGING ISSUES 1 Chair: Jeff Bennett | |
| 3.30pm – 4.00pm | John Rolfe A TOTAL ECONOMIC VALUE FRAMEWORK FOR THE GREAT BARRIER REEF |
| 4.00pm – 4.30pm | Ralf Steinhauser WATER USE ADAPTATION AND THE ROLE OF DEMAND SIDE MANAGEMENT |
| 4.30pm – 5.00pm | Tom Nordblom SUPPLY AND DEMAND FOR WATER USE BY NEW FOREST PLANTATIONS |
| SYMPOSIUM DINNER The Hall, University House, Balmain Crescent Action, ANU | |
| 6.30pm | Pre-dinner drinks |
| 10.30pm | Dinner concluded |

Tuesday, 23 November 2010

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| 8.30am – 5.00pm | Registration Desk open |
| From 8.30am | Continuous tea & coffee |
| SESSION 5: BIOSECURITY 1 Chair: Tom Kompas | |
| 9.00am – 9.30am | Sonia Akter ECONOMIC CONSEQUENCES OF BIOLOGICAL INVASIONS: UNDERSTANDING THE IMPACTS ON BIOREGIONAL ATTRIBUTES |
| 9.30am – 10.00am | Nhu Che CALIBRATING SPATIAL BIOECONOMIC MODELS FOR BIOSECURITY |
| 10.00am – 10.30am | Krishna Paudel BEST MANAGEMENT PRACTICES ADOPTION TO MITIGATE NONPOINT SOURCE POLLUTION: A DURATION ANALYSIS |
| 10.30am – 11.00am | Morning tea |
| SESSION 6: ENVIRONMENTAL MARKETS 2 Chair: Jack Pezzey | |
| 11.00am – 11.30am | Quentin Grafton DYNAMICALLY OPTIMAL VOLUMETRIC WATER PRICING |
| 11.30am – 12.00pm | William Nikolakis AN ASSESSMENT OF THE COSTS AND BENEFITS OF WATER MARKETS ACROSS TROPICAL NORTHERN AUSTRALIA |
| 12.00pm – 12.30pm | Maria A. Gracia-Valiñas ANALYZING RESIDENTIAL WATER DEMAND: AN ESTIMATION OF MINIMUM WATER REQUIREMENTS FOR FRENCH HOUSEHOLDS |
| 12.30pm – 1.30pm | Lunch |
| SESSION 7: EMERGING ISSUES 2 Chair: Jeff Bennett | |
| 1.30pm – 2.00pm | Sarah Wheeler TO SELL WATER OR NOT TO SELL WATER TO THE GOVERNMENT: EXPLORING THE QUESTION FACED BY RIVERLAND IRRIGATORS |
| 2.00pm – 2.30pm | Robert Gillespie ESTABLISHING NEW MARINE PROTECTED AREAS IN AUSTRALIA'S SOUTH-WEST MARINE REGION |
| 2.30pm – 3.00pm | Lara Lazaro – Touza NATURE, ROADS OR HOSPITALS: AN EMPIRICAL EVALUATION OF SUSTAINABLE DEVELOPMENT COMPENSATION OPTIONS |
| 3.00pm – 3.30pm | Afternoon tea |
| SESSION 8: CLIMATE CHANGE 2 Chair: Quentin Grafton | |
| 3.30pm – 4.00pm | Frank Jotzo/Peter Wood AUSTRALIA'S EMISSIONS TARGET: WHAT IS AN ADEQUATE COMMITMENT, AND HOW TO ACHIEVE IT? |
| 4.00pm – 4.30pm | Leo Dobes FABLES AND FURPHIES IN ADAPTATION TO CLIMATE CHANGE |
| 4.30pm – 5.00pm | Temesgen Deressa FACTORS AFFECTING THE CHOICES OF COPING STRATEGIES FOR CLIMATE EXTREMES: THE CASE OF FARMERS IN THE NILE BASIN OF ETHIOPIA |
| 5.00pm – 5.30pm | Victoria Alexeeva-Talebi COST PASS-THROUGH IN STRATEGIC OLIGOPOLY: SECTORAL EVIDENCE FOR THE EU ETS |

Wednesday, 24 November 2010

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| 8.30am – 5.00pm | Registration Desk open |
| From 8.30am | Continuous tea & coffee |
| SESSION 9: ENVIRONMENTAL VALUES 2 Chair: Jeff Bennett | |
| 9.00am – 9.30am | Jill Windle TESTING FOR GEOGRAPHIC SCOPE AND SCALE EFFECTS WITH CHOICE MODELING: APPLICATION TO THE GREAT BARRIER REEF |
| 9.30am – 10.00am | Gabriella Scheufule VALUES AND VALUATION ACROSS TIME |
| 10.00am – 10.30am | Paul Mwebaze VALUING AUSTRALIA'S BIOLOGICAL COLLECTIONS: A CONCEPTUAL FRAMEWORK AND EMPIRICAL APPLICATION |
| 10.30am – 11.00am | Morning tea |
| SESSION 10: BIOSECURITY 2 Chair: Jack Pezzey | |
| 11.00am – 11.30am | Long Chu OPTIMAL 'SPLIT AND MERGE' IN A STOCHASTIC DYNAMIC FRAMEWORK: METHOD AND APPLICATION TO MARINE RESERVE MANAGEMENT |
| 11.30am – 12.00pm | Tom Kompas OPTIMAL SURVEILLANCE MEASURES TO PROTECT ENVIRONMENTAL ASSETS: THE CASE OF HAWKWEED IN AUSTRALIA |
| 12.00pm – 12.30pm | Jim Sinner PRIDE OF THE SOUTH: RISK ANALYSIS FOR MARINE BIOSECURITY IN FIORDLAND |
| 12.30pm – 1.30pm | Lunch |
| SESSION 11: EMERGING ISSUES 3 Chair: Jeff Bennett | |
| 1.30pm – 2.00pm | Celine Nauges ARSENIC MITIGATION IN BANGLADESH: A HOUSEHOLD LABOR MARKET APPROACH |
| 2.00pm – 2.30pm | Vinita Deodhar APPLYING CHOICE MODELLING TO THE ECONOMIC AND CULTURAL VALUATION OF THE BUILT HERITAGE |
| 2.30pm – 3.00pm | Emma Aisbett/Marit Kragt VALUING ECOSYSTEM SERVICES TO AGRICULTURAL PRODUCTION: PRIORITIES FOR INFORMING POLICY DESIGN |
| 3.00pm – 3.30pm | Afternoon tea |
| SESSION 12: POLICY INTERFACE Chair: Dave Johnston | |
| 3.30pm – 4.00pm | Steve Hatfield - Dodds UNBIASED COMMUNICATION OF POLICY IMPACTS IS CRUCIAL TO POLITICAL SUPPORT FOR EMISSIONS REDUCTIONS: ASSESSING THE EFFECT OF REFERENCE POINT BIAS ON POLITICAL SUPPORT FOR CLIMATE CHANGE ACTION IN THE UNITED STATES AND AUSTRALIA |
| 4.00pm – 4.30pm | Stuart Whitten THE NEXT GENERATION OF METRICS FOR MULTIPLE ECOSYSTEM CONSERVATION TENDERS |
| 4.30pm – 4.45pm | Jeff Bennett CONCLUDING COMMENTS |

POSTER PRESENTATIONS

Phouphet Kyophilavong

WILLINGNESS TO PAY FOR CLEANING UP ROAD DUST IN VIENTIANE CITY

Krishna Paudel

USING SPECTRAL ANALYSIS AND MULTINOMIAL LOGIT REGRESSION TO EXPLAIN HOUSEHOLDS' CHOICE PATTERNS

Huynh Viet Khai

THE LOSS OF RICE PRODUCTION DUE TO INDUSTRIAL POLLUTION IN VIETNAM

Cesar Viteri Mejia

SETTING INCENTIVES TO MANAGE TOURISM IN THE GALAPAGOS ISLANDS: A CHOICE EXPERIMENT APPROACH

W.R.W.M.A.P. Weerakoon, N.R.P. Withana, U.K. Jayasinghe-Mudalige, J.M.M. Udugana

ASSESSING THE WILLINGNESS-TO-PAY OF LOCAL AND FOREIGN VISITORS TOWARDS VISITOR SATISFACTION AND SUSTAINABLE DEVELOPMENT OF HURULU FOREST RESERVE IN SRI LANKA: AN APPLICATION OF CONTINGENT VALUATION METHOD)