



Environment for Development Initiative Seventh Annual Conference

October 24 - 27, 2013

Monkey Valley Resort, South Africa

Final Program

Thursday October 24:

- 08:30 - 09:15 EFD plenary session 1: *Welcome remarks, and workshop overview*
Gunnar Köhlin – Director, Environment for Development Initiative, Associate Professor, Department of Economics, University of Gothenburg
Tony Leiman – Director, Environmental Econ. Policy Research Unit, Univ. Cape Town
Yonas Alem – EFD Research Coordinator, Department of Economics, University of Gothenburg
- 09:15 - 10:15 Keynote speech 1: *Identification: the problem that just won't die*
Peter Berck – Professor of Agricultural and Resource Economics, University of California Berkeley
Chair: **Yonas Alem**
- 10:15- 10:45 Coffee Break
- 10:45- 12:15 Parallel sessions 1A, & 1B
- 12:15 - 13:30 Lunch
- 13:30 - 15:30 Parallel sessions 2A, 2B, 2C
- 15:30 - 16:00 Coffee Break
- 16:00 - 18:00 Parallel sessions 3A, 3B, & 3C
- 19:00 Welcome Dinner, Kalk Bay

Friday October 25:

- 08:30 - 10:00 Keynote speech 2: *Systematic Conservation*
Juha Siikamaki – Associate Research Director and Fellow, Resources for the Future (RFF)
Chair: **Edwin Muchapondwa**
- 10:00 - 10:30 Coffee

10:30 - 12:30 Parallel sessions 4A, 4B & 4C
12:30 - 13:15 Lunch
13:15 - 18:30 Excursion
19:00 Dinner, Moyo Kirstenbosch

Saturday October 26

08:30 - 09:30 Keynote speech 3: *Using Models in Efd Research*
Jo Albers, Professor of Applied Economics, Oregon State University
Chair: **Elizabeth Robinson**

09:30 – 10:30 **Environmental Defense Fund (EDF) and World Bank, REDD projects**
Richie Ahuja, Regional Director, Asia, Environmental Defense Fund
Ferdinand Vieder, Social Science Research Center Berlin
Randall Bluffstone, Professor of Economics, Portland State University
Chair: **Thomas Sterner**

10:30 - 11:00 Coffee break
11:00 - 12:30 Parallel sessions 5A, 5B, & 5C
12:30 - 13:45 Lunch
13:45 - 15:45 Parallel sessions 6A, 6B & 6C
15:45 - 16:15 Coffee break
16:30 - 18:30 Efd Coordination committee meeting: (**By invitation only**)
Optional short excursion (**Participants**)
19:00 Closing Dinner:

Sunday October 27

08:30 - 10:00 Keynote speech 4: *Accounting for Ecosystem Services*
Urvashi Narain– Senior Environmental Economist, Environment Department, The World Bank
Jeff Vincent, Professor of Forest Economics and Management, Duke University
Jessica Alvsilver, Swedish Environmental Protection Agency
Chair: **Francisco Alpizar**

10:00 - 10:30 The World Bank's Environmental Research Priorities
Mike Toman, Research Manager, Development Research Group, the World Bank

10:30 - 11:00 Coffee
11:00 - 12:30 Efd General Assembly and Closing

Parallel Sessions

Thursday Oct. 24, 2013

Parallel Session 1A: Room 1

Topic: Land use and Land Use Change, 10:45- 12:15

Chairperson: Allen Blackman

Presenter	Title of Paper	Discussant
Juha Siikamäki	Factors Driving Post-Reform Forest Land Markets in China: Constructing Estimates of Market Demand and Supply Using a Survey Field Experiment	Wanxin Li
Wanxin Li	Could the central government control local land use without public participation?	Allen Blackman
Allen Blackman	STRICT VERSUS MIXED USE PROTECTED AREAS: GUATEMALA'S MAYA BIOSPHERE RESERVE	Dikgang Johane

Parallel Session 1B: Room 2

Topic: Energy, 10:45- 12:15

Chairperson: Martine Visser

Presenter	Title of Paper	Discussant
Mun Ho	Household Energy Demand in Urban China: Accounting for regional prices and rapid income change	Peter Kimuyu
Peter Kimuyu	Household Energy Conservation in Kenya	Martine Visser
Martine Visser	Bringing about Behavior Change in Provincial Government: Using Behavioral Nudges to Reduce Energy Consumption in Provincial Government Buildings.*	Mun Ho

* Proposal

Thursday Oct. 24, 2013 Cont.

Parallel Session 2A: Room 1

Topic: Agriculture I - Technology Adoption, 13:30 - 15:30

Chairperson: Yonas Alem

Presenter	Title of Paper	Discussant
Haileselassie Medhin	Experimentation and Social Learning in Small-Scale Agriculture: A Tale of Two Dilemmas	Kerri Brick
Kerri Brick	Risk Preferences, Technology Adoption and Insurance Uptake: a framed experiment Kerri Brick and Martine Visser	Yonas Alem
Yonas Alem	Do Safety Nets Promote Technology Adoption? Panel Data Evidence from Ethiopia	Salvatore Di Falco
Salvatore Di Falco	What Drives the (Non) Adoption of Agricultural Technologies? Time Preferences and Social Networks in Rural Tanzania*	Haileselassie Medhin

Parallel Session 2B: Room 2

Topic: Parks and Wild Life, 13:30 - 15:30

Chairperson: Gardner Brown

Presenter	Title of Paper	Discussant
Susan Snyman	Analysis of rural household incomes in communities living in or adjacent to protected areas in six southern African countries	Edwin Muchapondwa
Edwin Muchapondwa	The economic valuation of dryland ecosystem services in the South African Kgalagadi area and implications for PES involving the Khomani San	Jesper Stage
Edwin Muchapondwa	AN ANALYSIS OF WELFARE BETWEEN COMMUNITIES RESIDING ADJACENT TO AND FURTHER AWAY FROM SERENGETI NATIONAL PARK *	Sue Snyman
Jane Turpie	Conservation and development tradeoffs in the management of protected areas: impacts of iSimangaliso Wetland Park, South Africa, on surrounding communities *	Anna Norden

Parallel Session 2C: Room 3

Topic: Forestry, 13:30 - 15:30

Chairperson: John Omiti

Presenter	Title of Paper	Discussant
Jintao Xu	Forest Tenure Reform, Economic Recession and Farmer Household Labor Re-Allocation Decision in China	Zenebe Gebreegziabher
Zenebe Gebreegziabher,	Local Institutions and Better Forests: Characterization and Empirical Evidence from Community-Level Data	John Omiti
Rahel Deribe	Determinants of Farm Households' Agro-Forestry Technology Adoption in Ethiopia: Empirical Evidence from Selected istricts	Jintao Xu
John Omiti	Co-management framework for natural resource management*	Rahel Deribe

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Thursday Oct. 24, 2013 Cont.

Parallel Session 3A: Room 1

Topic: Climate Change- Adaptation, 16:00-18:00

Chairperson: Aloyce Hepelwa

Presenter	Title of Paper	Discussant
Peter Berck	Crop Adaptation to Climate Change	Byela Tibesigwa
Aloyce Hepelwa,	Sustainable financing options of the climate change and climate variability adaptation measures by rural smallholder farmers in Tanzania	Rahel Deribe
Tadele Ferede	Access to Finance, Adaptation to Climate Change, and Household Welfare Dynamics*	Richard Mulwa
Byela Tibesigwa	Gender Dimensions of Natural Resource Use, Farming and Food Adequacy: Climate Change Risk, Vulnerability and Adaptation*	Haileselassie Medhin

Parallel Session 3B: Room 2

Topic: Agriculture II– Interventions, 16:00-18:00

Chairperson: John Mduma

Presenter	Title of Paper	Discussant
John Mduma	The Voucher System and the Agricultural Production in Tanzania:	Wilfred Nyangena
Wilfred Nyangena,	Understanding Improved Farm Technologies on Yields: The Case of Improved Maize Varieties and Inorganic Fertilizer in Kenya	Mintewab Bezabih
Razack Lokina	Evaluating the socio-economic impact of solar lanterns and education campaigns in Tanzania*	John Mduma

Parallel Session 3C: Room 3

Topic: Fisheries, 16:00-18:00

Chairperson: Tony Laiman

Presenter	Title of Paper	Discussant
Roger Madrigal	Understanding the tradeoffs involved in implementing marine conservation policies in artisanal fishing grounds of Costa Rica	Miguel Quiroga
Miguel Quiroga	Effect of Social Networks on the Economic Performance 1 of TURFs: The Case of the Artisanal Fisherman Organizations in Southern Chile	Gardner Brown
Carlos Chávez	Optimal Taxes under Illegal Fishing in ITQ Systems	Roger Madrigal
Jo Albers	Marine Protected Areas and Small-Scale Fishing Behavior: a Comparative Analysis between South Africa, Tanzania and Costa Rica*	Tony Leiman

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Friday Oct. 25, 2013

Parallel Session 4A: Room 1

Topic: Ecosystem Services and Water, 10:30 - 12:30

Chairperson: Francisco Alpizar

Presenter	Title of Paper	Discussant
Mare Sarr	Resistance to the Regulation of Common Resources: the introduction of a uniform water charging system in rural Tunisia	Martine Visser
Martine Visser	Social Norms and moderation of water consumption in a major South African City	Mare Sarr
Jorge Dresdner	Does tradition affect behavior? The importance of cultural traits in Brazil nut harvesters' compliance with hunting prohibition	Francisco Alpizar
Francisco Alpizar	Local Effects of Payments for Environmental Services on poverty	Jorge Dresdner

Parallel Session 4B: Room 2

Topic: Organic Agriculture and Bioenergy, 10:30 - 12:30

Chairperson: Jintao Xu

Presenter	Title of Paper	Discussant
Marcela Jaime	Synergies and trade-offs between the CAP pillars and their effects on the uptake of organic farming in Sweden: Lessons from the 2003 CAP reform	Jintao Xu
Peter Berck	Where New Bioenergy Crops Fit in: Competition with Traditional Crop Land or Utilization of Idle Land?	Xiaoguang Chen
Xiaoguang Chen	Impacts of Climate Change on Corn and Soybean Yields in China	Peter Berck
Xiaoguang Chen	Economic and Environmental Impacts of Bioenergy in China: Implications for Land Use, Food Prices, and Policies*	Marcela Jaime

Parallel Session 4C: Room 3

Topic: Environmental Policy Instruments, 10:30 - 12:30

Chairperson: Maria Damon

Presenter	Title of Paper	Discussant
Carlos Chavez	Complementarity of inspections and permits as leverages for capping emissions: experimental evidence	Anthony Liu
Anthony Liu	Environmental Policy in the Presence of an Informal Sector	Maria Damon
Min Wang	Are Renewable Energy Policies Climate Friendly? The Role of Capacity Constraints and Market Power	Milagro Saborio-Rodriguez
Milagro Saborio-Rodriguez	Political Bargaining of a Transboundary Environmental Agreement	Min Wang

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Saturday Oct. 26, 2013

Parallel Session 5A: Room 1

Topic: Agriculture III, 11:00 - 12:30

Chairperson: Mintewab Bezabih

Presenter	Title of Paper	Discussant
Savatore Di Falco	Behavioral Responses and the Impact of New Agricultural Technologies: Evidence from a Double-Blind Field Experiment in Tanzania	Kerry Brick
Mintewab Bezabih	Explaining Investment in Soil Conservation: Weather Risk, Rate of Time Preferences and Tenure Security in the Highlands of Ethiopia	Zenebe Gegreegziabher
Zenebe Gebreegziabher	Impact Evaluation of the Sustainable Land Management (SLM) Program in Ethiopia*	Salvatore Di Falco

Parallel Session 5B: Room 2

Topic: Experiments, 11:00 - 12:30

Chairperson: Milagro Saborio-Rodriguez

Presenter	Title of Paper	Discussant
Ferdinand Vieider	Risk Preferences and Development Revisited: A Field Experiment in Vietnam	Milagro Saborio-Rodriguez
Peter Martinsson	Cooperation, sanction and age: Evidence from behavior among children and adolescents in four continents	Nam Pham Khanh
Milagro Saborio-Rodriguez	EXPERIMENTS TO TEST A BARGAINING GAME FOR REDUCING POLLUTION*	Peter Martinsson

Parallel Session 5C: Room 3

Topic: Transport and health, 11:00 - 12:30

Chairperson: Wanxin Li

Presenter	Title of Paper	Discussant
Wanxin Li	Health implications of material and social resources for preadolescents in China	Lunyu Xie
Lunyu Xie	Automobile Usage and Urban Rail Transit Expansion	Wanxin Li
Jane Turpie	Factors determining the spatial distribution of shore anglers in South Africa: implications for management	Carlos Chávez

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Saturday Oct. 26, 2013 Cont.

Parallel Session 6A: Room 1

Topic: Climate Change – Impacts, 13:45 - 15:45

Chairperson: Aloyce Hepelwa

Presenter	Title of Paper	Discussant
Byela Tibesigwa	The Impact of Climate Change on Large Scale Commercial Farmers in South Africa	Komba Coretha
Byela Tibesigwa	The Impact of Climate Change on Net Revenue and Food Adequacy of Subsistence Farmers in South Africa	Jane Mariara
Jane Mariara	CLIMATE CHANGE, FOOD SECURITY AND VULNERABILITY IN KENYA	Aloyce Hepelwa
Richard Mulwa	Climate Change, Agricultural Adaptation and Food Security in Kenya*	Byela Tibesigwa

Parallel Session 6B: Room 2

Topic: REDD, 13:45 - 15:45

Chairperson: Elizabeth Robinson

Presenter	Title of Paper	Discussant
Razack Lokina,	Implementing REDD in Tanzania: Understanding community choices about group versus individual payments	Randall Bluffstone
Randall Bluffstone	Community Controlled Forests, Carbon Sequestration and REDD+: Some Evidence from Ethiopia Before 27th wants a session for WB project	Elizabeth Robinson
Sahan Dissanayake	The Opportunity Cost of Carbon Sequestration in Low-Income Countries and Preferences for REDD+ Contract Attributes: A Choice Experiment in Ethiopia	Razack Lokina
Elizabeth Robinson	Urban Charcoal Consumption and Forest Degradation in Africa: Can REDD Play a Role?	Sahan Dissanayake

Parallel Session 6C: Room 3

Topic: Agroforestry, time allocation, and safety nets, 13:45 - 15:45

Chairperson: Alemu Mekonnen

Presenter	Title of Paper	Discussant
Alemu Mekonnen	THE IMPACT OF NATURAL RESOURCE SCARCITY ON AGRICULTURE IN ETHIOPIA,	Stephen Kirama
Stephen Kirama	Effects of Deforestation on Household Time Allocation Among the Rural Agricultural Activities: Evidence from Central and Southern Tanzania.	Abebe Beyene
Abebe Beyene	NATURAL RESOURCE COLLECTION, CHILD LABOR AND CHILD SCHOOLING: EMPIRICAL EVIDENCE FROM RURAL ETHIOPIA	Reviva Hasson
Francisco Alpizar	Safety nets and adaptation to climate change: a field experiment with Costa Rican coffee farmers *	Ferdinand Vieider

* Proposal

Guidelines for Chairs, Discussants and Presenters

Guidelines for Chairs

Keep time: each session runs for around 1 and 1/2 or 2 hours and consists of 3 or 4 presentations. 15 -20 minutes are allocated per presentation, 4 minutes for each discussant and 6-10 minutes for general discussion. A total of 30 minutes is allocated for each presentation.

It is possible that, due to presenters dropping out, your session may have fewer presentations in it. In this case, please do not take more time for the presentation or for the discussant's comments, so as to allow attendees to move to the other parallel session at the end of the last paper. As participants may like to move between sessions to listen to papers of their interest, please follow the order on the programme as much as possible.

Remind presenters when 5 and 2 minutes are left.

Guidelines for Presenters:

Please make effort to make your presentation brief but informative and wind it up on time. It is advisable not to have more than 10-15 slides and please make sure to upload your slides in good time before the session begins.

Guidelines for discussants:

Please do not take time to summarize the paper, or use power point slides. Pick up three or maximum four substantial issues in order to start the discussion and please keep to your allotted time. It would be appreciated if you could communicate your detailed comments to presenters by e-mail.

Environment for Development

The **Environment for Development** (EfD) initiative is an environmental economics program focused on international research collaboration, policy advice, and academic training. It supports centers in Central America, China, Ethiopia, Kenya, South Africa, and Tanzania, in partnership with the Environmental Economics Unit at Göteborg University in Sweden and Resources for the Future in Washington, DC. Financial support for the program is provided by the Swedish International Development Cooperation Agency (Sida). Read more about the program at www.efdinitiative.org or contact info@efdinitiative.org.

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