

Environment for Development Initiative

14th Annual Meeting

November 16-20, 2020,

at 14:00-17:00 CET/UTC+1

Virtual Meeting

Program

(with reservation for changes)



Environment for Development

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1. General Program overview

Monday, November 16. Academic Program Day I

- 14:00 – 14:05 Welcome by EfD Director Gunnar Köhlin
- 14:05 – 14:55 Keynote 1 by Urvashi Narain: “Air quality management in India ”
- 14:55 – 15:00 Break
- 15:00 – 17:00 Parallel sessions 1
1. Session 1A: Agriculture, firms & Climate Change
 2. Session 1B: SETI: Electrification
 3. Session 1C: Bioeconomic & theoretical models, wealth accounting
 4. Session 1D: Behavioural & experimental economics 1
 5. Session 1E: Research Proposals

Tuesday, November 17. Academic Program Day II

- 14:00 – 14:55 Keynote 2 by Menale Kassie: “New Technologies for Green Growth or Greener agriculture”
- 14:55 – 15:00 Break
- 15:00 – 17:00 Parallel sessions 2
1. Session 2A: Water use in Agriculture
 2. Session 2B: SETI: Cooking Fuel & clean energy
 3. Session 2C: Development & Health
 4. Session 2D: Impacts of Weather variability
 5. Session 5E: Research Proposals

Wednesday, November 18. Academic Program Day III

- 14:00 – 14:55 Keynote 3 by Jan Steckel: “Emissions pricing in low- and middle income countries”
- 14:55 – 15:00 Break
- 15:00 – 17:00 Parallel sessions 3
1. Session 3A: Sanitation
 2. Session 3B: SETI: Cookstoves & Wood-Burning Stoves
 3. Session 3C: Marine Program: Fishery Performance Indicators
 4. Session 3D: Natural Resource & Conservation
 5. Session 5E: Research Proposals

Thursday, November 19. Academic Program Day IV

- 14:00 – 14:55 Keynote 4 by Farzana Afridi: “Women's work, production technology and the environment”
- 14:55 – 15:00 Break
- 15:00 – 17:00 Parallel sessions 4
1. Session 4A: Air Pollution

2. Session 4B: WinEED: Gender Analysis
3. Session 4C: Marine Program: Aquaculture
4. Session 4D: Emissions Pricing
5. Session 5E: Research Proposals

Friday, November 20. General Assembly & Academic Program Day V

14:00 – 14:55 General Assembly

14:55 – 15:00 Break

15:00 – 17:00 Parallel sessions 5

1. Session 5A: Municipal water use
2. Session 5B: Firm & Energy, Impact of Weather Shock
3. Session 5C: Marine Program: Sustainable fishing
4. Session 5D: Behavioural & experimental economics 2
5. Session 5E: Research Proposals

2. Academic Program

Monday, November 16

Parallel Sessions 1A, 1B, 1C, 1D &1E

15:00-17:00

Chair: Francisco Fernandez

Parallel sessions 1A:		
Agriculture, firms & Climate Change		
Author	Title	Discussant
Tsegaye Gatiso (Swedish University of Agricultural Science)	Heterogeneous impacts of climate change on crop yields across altitudes in Ethiopia	Hailemariam Teklewold
Hardeep Singh (IGIDR)	Uncertain Monsoon, Irrigation and Crop Yields: Implications for Pricing of Insurance Products	Martin J.Chegere / Tsegaye Gatiso
Nnaemeka Andegbe chukwuone (University of Nigeria)	Determinants and Impact of Use of Multiple Climate Smart Agricultural Practices: Panel Data Evidence from Nigeria	Nkechi S. Owoo
Francisco Fernandez (Universidad Mayor)	Mapping Firms adaptive profiles to extreme events considering attitudes, perceptions, and behaviours.	Jorge H. García

Chair: Subhrendu K Pattanayak

Parallel sessions 1B:		
SETI: Electrification		
Author	Title	Discussant
Jörg Peters (RWI - Leibniz Institute for Economic Research)	Rural electrification and economic development – A review of literature reviews revealing the limits of evidence-based policy	Rob Fetter
Remidius Denis Ruhinduka (University of Dar es Salaam)	What could explain low uptake of rural electricity programs in Africa? Empirical evidence from rural Tanzania	Leonard le Roux
Eswaran Somanathan (Indian Statistical Institute)	Evaluating electric stoves as a solution for household air pollution in the world's most polluted region	Adan L. Martinez-Cruz
Adan L. Martinez-Cruz (Swedish University of Agricultural Science)	Tension in Mexico's energy transition: Are urban residential consumers in Aguascalientes willing to pay for renewable energy and green Jobs	Monica Marcela Jaime Torres

Chair: Jesper Stage

Parallel sessions 1C:		
Bioeconomic & theoretical models, wealth accounting		
Author	Title	Discussant
Jorge Marco Renau (University of Los Andes)	Triple bottom line assessment for the historically underperforming colombian queen conch fishery	Wisdom Akpalu
Kwami Adanu (GIMPA)	The growing global plastic waste problem – lessons for environmental economics policy design and choice	David Fuente
Jesper Stage (Luleå University of Technology)	Natural Capital Accounting for land in Rwanda	Rodrigo Arriagada

Chair: Yonas Alem

Parallel sessions 1D:		
Behavioral & experimental economics 1		
Author	Title	Discussant
Thong Ho (Ho Chi Minh City University of Economics)	Celebrity endorsement in promoting pro-environmental behavior	Reza Daniels
Zhi Li (Xiamen University)	Alternative Assurance Payment Schemes in Threshold Public Goods Provision: An Experimental Investigation	Yonas Alem
Quach Thi Khanh Ngoc (Nha Trang University)	Preferences for coastal and marine conservation in Vietnam: Accounting for differences in individual choice set formation	Johane Dikgang
Shivani Wadehra (Indian Statistical Institute)	Does visibility of a landfill play a role in determining waste disposal behavior?	Ehi Idoko

Chair: Franklin Amuakwa-Mensah

Parallel sessions 1E:		
Research Proposals		
Author	Title	Discussant
Bing Zhang (Nanjing University)	The Costs of Blue Sky: The Distributional Effects of Environmental Regulation on Labor Demand in China	Research Committee
Roger Madrigal-B (CATIE)	Social and ecological factors affecting the performance of community-based water organizations in Central America	
Tagel Gebrehiwot (Policy Studies Institute)	COVID-19, Access to Energy and Food security in Ethiopia: Panel Data Evidence	
Edward Bbaale (Makerere University)	Improving Bill Payment for Water and Sanitation Services in Uganda	

Tuesday, November 17

Parallel Sessions 2A, 2B, 2C, 2D & 2E

15:00-17:00

Chair: Soumya Balasubramanya

Parallel sessions 2A:		
Water use in Agriculture		
Author	Title	Discussant
Kashi Kafle (International Water Management Institute)	Chronic kidney disease and household behaviors in Sri Lanka: historical choices of drinking water and agrochemical use	Prachi Singh
HariPriya Gundimeda (Indian Institute of Technology Bombay)	Economic costs of climate induced water resources variability on Indian economy	Katrina Mullan
Archisman Mitra (International Water Management Institute)	Can 'carrots' modify groundwater pumping behaviors? Evidence from a pilot study in Punjab	Edwin Muchapondwa
Marie-Charlotte Buisson (International Water Management Institute)	Electric Pumps, Groundwater, Agriculture and Water Buyers: Evidence from West Bengal	Francisco Fernandez

Chair: Thomas Klug

Parallel sessions 2B:		
SETI: Cooking Fuel & Clean Energy		
Author	Title	Discussant
Marta Talevi (London School of Economics and Political Science)	Preferences for cooking with biogas in rural India: the role of positive and negative experience	Erin Litzow
Ipsita Das (Duke University)	Fuel Stacking Implications for Willingness to Pay for Cooking Fuels in Peri-urban Kathmandu Valley, Nepal	Haileselassie Medhin
Deepak Kuma (Jawaharlal Nehru University)	The Indian Energy Divide: Dissecting inequalities in the energy transition towards LPG	Ipsita Das
Bishal Bharadwaj (University of Queensland)	Impacts of Solar Subsidy: Evidence from Geographic Regression Discontinuity Design in Nepal	Robyn Meeks

Chair: Wisdom Akpalu

Parallel sessions 2C:		
Development & Health		
Author	Title	Discussant
Cristobal Vasquez (University of Concepcion)	Spatio-temporal inefficiency analysis over the provision of local public goods: the case of education and well-being in Chilean mining municipalities	Monica Lambon-Quayefio
Felipe Vasquez (University of Concepción)	Assessing the Use of Pseudo-panels to Estimate the Value of Statistical Life in Developing Countries	John Bosco Oryema
Wisdom Akpalu (GIMPA)	COVID -19 Morbidity and Mortality in Tropical Countries: The Effect of Economic, Institutional, and Climatic Variables	Juliana Helo Sarmiento
Franklin Amuakwa-Mensah (University of Gothenburg)	COVID-19 and Handwashing: Implications for Water Use in Sub-Saharan Africa	Hide-Fumi Yokoo

Chair: Manuel Linsenmeier

Parallel sessions 2D:		
Impact of Weather variability		
Author	Title	Discussant
Daniel Minoru Higa (Simon Fraser University)	Is it Too Hot to Work?	Salvatore Di Falco
Saudamini Das (Institute of Economic Growth)	Effect of extreme heat and humidity on income and health expenditure of informal sector workers in New Delhi, India	Jorge Alexander Bonilla
Lucía Contreras (University of Costa Rica)	Effects of abnormal precipitation on school dropout rates	Ashokankur Datta
Manuel Linsenmeier (London School of Economics and Political Science)	Temperature, its seasonal and interannual variability, and economic activity - results from a spatial econometric analysis of high resolution nightlights data	Justice Tei Mensah

Chair: Franklin Amuakwa-Mensah

Parallel sessions 2E:		
Research Proposals		
Author	Title	Discussant
Juan Robalino (University of Costa Rica)	The impact of Protected Areas on the occurrence of water-related disasters in Guatemala	Research Committee
Aisha Nanyiti (Makerere University)	A Randomized Control Trial on Adoption of Liquefied Petroleum Gas Cooking Technology among Fast Food (Chapatti) Vendors in Uganda	
Martine Visser; Reza Daniels (University of Cape Town)	Trash for Cash: Evaluating the Impacts of Nudging in Low Income Communities of South Africa to Promote Household Recycling	
Mintewab Bezabih Ayele (PSI & London School of Economics)	Climate Smart Agriculture, Participatory Forest Management, and Gender Gaps in Income : Panel Data Evidence from Ethiopia	

Wednesday, November 18

Parallel Sessions 3A, 3B, 3C, 3D & 3E

15:00-17:00

Chair: Prachi Singh

Parallel sessions 3A:		
Sanitation		
Author	Title	Discussant
Emily L Pakhtigian (Penn State)	Ending open defecation: Do neighbors influence sanitation behaviors?	Richard Mulwa
Hide-Fumi Yokoo (Hitotsubashi University)	Face-to-face communication on take-up of paid sanitation services: Experimental evidence from Indonesia	Emily Pakhtigian
Bahre Gebru Kiros (Swedish University of Agricultural Science)	Climate change, water scarcity, and household's choice of sanitation facilities in Ethiopia	Dawit Woubishet
Prachi Singh (Ashoka University)	Information Campaign on Water Quality and Marriage Market: The Case of Arsenic Exposure in Rural Bangladesh	Kashi Kafle

Chair: Marc Jeuland

Parallel sessions 3B:		
Cookstoves & Wood-Burning Stoves		
Author	Title	Discussant
Farzana Afridi (Indian Statistical Institute)	A Breath of Fresh Air: Raising Awareness for Clean Fuel Adoption	Jennifer Orgill Meyer
Felipe Vasquez (Universidad del Desarrollo)	Estimating the Implicit Discount Rate for New Technology Adoption of Wood-Burning Stoves	Claudia Aravena
Krishnapriya Perumbillissery (Duke University)	Eat, Drink, Man, Woman: Do cookstoves improve gender outcomes?	Imelda
Yonas Alem (University of Gothenburg)	Mitigating Climate Change through Sustainable Technology Adoption: Insights from Cookstove Interventions	Maxie Sievert

Chair: Håkan Eggert

Parallel sessions 3C:		
Marine Program: Fishery Performance Indicators		
Author	Title	Discussant
Mauricio Leiva (Research Nucleus on Environmental and Natural Resource Economics)	What drives ecologically sustainable fisheries? A fishery-country level data analysis using Fishery Performance Indicators	Leonardo Salazar
Carlos Chavez (Universidad de Talca)	The Performance of Shared Fish Stock Fisheries under Varying Institutional and Socioeconomic Conditions: Evidence from the South Eastern Pacific Anchoveta Fishery	Lijun Liu
Jorge Marco Renau (University of Los Andes)	Evaluating Management Reforms in a Colombian Shrimp Fishery using Fisheries Performance Indicators	Mauricio Leiva
Håkan Eggert (University of Gothenburg)	The Economic, Social and Ecological Performance of the Industrial Trawl Fishery in Ghana: Application of the FPIs	Chukwuone Nnaemeka

Chair: Maria Alejandra Velez

Parallel sessions 3D:		
Natural Resource & Conservation		
Author	Title	Discussant
Mark Purdon (Université du Québec à Montréal)	Ten-Year Evaluation of the Sustainability of a Transnational Forest Carbon Offset Programme in Uganda: Comparing Trends in Socioeconomic Status of Programme Participant and Non-Participants	Alemu Mekonnen
Mauricio Oyarzo (University of Concepcion)	Subnational crowding out and mining localities: Does the level of local provision of public goods matter?	Philip Kofi Adom
Maria Alejandra Velez (University of Los Andes)	Effects of ending ecopayments: do removed PES crowd conservation out or in?	Byela Tibesigwa

Chair: Franklin Amuakwa-Mensah

Parallel sessions 3E:		
Research Proposals		
Author	Title	Discussant
Rohini Somanathan (Delhi School of Economics)	Environmental and Distributional Impacts of the COVID-19 lockdowns in India	Research Committee
Daniel Kwabena Twerefou (University of Ghana)	Household electricity consumption inefficiency and poverty: Evidence from Ghana	
Zenebe Gebreegziabher (Mekelle University)	Climate change, livestock dynamics, and poverty in Ethiopia: A spatial panel data Analysis	
Amin Karimu (University of Ghana)	Sharing is Costly? Experimental Evidence on the Effects of Shared Metering on Energy Conservation in Ghana	

Thursday, November 19

Parallel Sessions 4A, 4B, 4C, 4D & 4E

15:00-17:00

Chair: Jorge Alexander Bonilla

Parallel sessions 4A:		
Air Pollution		
Author	Title	Discussant
Olexiy Kyrychenko (CERGE-EI)	Environmental regulations, air pollution, and infant mortality in India: A reexamination	Yana Jin
Tejendra Pratap Singh (HKUST)	Beyond The Haze: Air Pollution and Student Absenteeism - Evidence from India	Laura Villalobos
Yana Jin (Environmental Defence Fund)	Self-protection, Seasonality, and Willingness to Pay for Clean Air Policies	Olexiy Kyrychenko
Alejandro Lopez Feldman (CIDE)	Air pollution exposure and COVID-19: A look at mortality in Mexico City using individual-level data	Saudamini Das

Chair: Rebecca Afua Klege

Parallel sessions 4B:		
WinEED: Gender Analysis		
Author	Title	Discussant
Tsegaye Ginbo Gatiso (Swedish University of Agricultural Science)	Intra-household risk perceptions and choices of climate adaptation strategies in sub-Saharan Africa	María Angélica Naranjo Barrantes
Nikita Sangwan (Indian Statistical Institute)	The Gendered Effects of Climate Change: Production Shocks and Labour Usage in Agriculture	Ridhima Gupta
Gaurav Dhamija (Indian Statistical Institute)	Lasting Impact on Health from Natural Disasters, Potential Mechanisms and Mitigating Effects	Susan Namirembe Kavuma
David Campoverde (University of Wyoming)	Status and perspectives of Maasai women in the Ngorongoro Conservation Area: Progress towards the sustainable development goals	Nikita Sangwan

Chair: Jorge David Dresdner

Parallel sessions 4C:		
Marine Program: Aquaculture		
Author	Title	Discussant
Quach Thi Khanh Ngoc (Nha Trang University)	Willingness to Adopt Improved Shrimp Aquaculture Practices in Vietnam	Marie-Charlotte Buisson
Jorge David Dresdner (Universidad de Concepción)	Promoting small-scale aquaculture in coastal Chile: The role of user rights and location for activity choices and incomes	Diego Valderrama
Michael Tanner (Hamburg University)	Shifting demand to sustainable fishing practices in Darwin's Archipelago: a discrete choice experiment application for Galapagos' certified Yellow-fin tuna	Håkan Eggert
Luat Huu Do (University of Economics Ho Chi Minh City)	Mangrove and Production Risk in Aquaculture in the Mekong River Delta, Vietnam	Ebele Chinelo Amaechina

Chair: Thomas Sterner

Parallel sessions 4D:		
Emissions Pricing		
Author	Title	Discussant
Raavi Aggarwal (Mercator Research Institute on Global Commons and Climate Change)	Carbon pricing and household welfare – the case of Uganda	Suzi Kerr
Daniele Malerba (German Development Institute)	Mitigating Poverty: The Patterns of multiple Carbon Tax and Recycling Regimes for Peru	Kanishka Kacker
Hannes Greve (German Institute for Global and Area Studies)	Stepping down the ladder: The unintended impacts of fossil fuel subsidy removal in a developing country	Stefan Ambec
Thomas Sterner (University of Gothenburg)	Diving deeper into perceptions about a Carbon tax	Mike Toman

Chair: Franklin Amuakwa-Mensah

Parallel sessions 4E:		
Research Proposals		
Author	Title	Discussant
Thong Ho (Ho Chi Minh City University of Economics)	Gender and social capital perspectives towards sustainable groundwater management for coffee farming in Vietnam	Research Committee
Fred Matovu (Makerere University)	Gender Differences in Access to Agricultural Productive Resources, Food Security and Adaptation to Shocks: Experiences from East Africa	
NwaJesus Anthony Onyekuru (University of Nigeria)	Estimation of Participation and welfare impacts of REDD+ community-based pilot projects in Nigeria	

Friday, November 20

Parallel Sessions 5A, 5B, 5C, 5D & 5E

15:00-17:00

Chair: Joe Cook

Parallel sessions 5A:		
Municipal water use		
Author	Title	Discussant
Johanna Maria Brühl (University of Cape Town)	Distributional statistics of municipal water use during Cape Town's drought: implications for affordability, conservation and tariff design	Jie-Sheng Tan-Soo
Jie-Sheng Tan-Soo (National University of Singapore)	Urban residential water usage in response to climate variability in China	Khanh-Nam Pham
Fridah Nyakundi (CIAT)	The elasticity of commercial water demand in Nairobi, Kenya	Felipe Vasquez

Chair: Juliana Helo Sarmiento

Parallel sessions 5B:		
Firm & Energy, Impact of Weather Shock		
Author	Title	Discussant
Simon Wagura Ndiritu (Strathmore University)	Resolving the Energy 'Paradox': The Positive Impact of Corporate Energy Strategies on Energy Efficiency	Frank Aduasi-Poku
Tensay Hadush Meles (UCD)	Policy Consequential in Stated Preference Surveys: A Randomized Discrete Choice Experiment Study	Helena Cardenas-Diaz
Juliana Helo Sarmiento (Universidad de los Andes)	Temperature and Morbidity in Colombia	Daniel Minoru Higa
Jorge Alexander Bonilla (Universidad de los Andes)	Climatic shocks, air quality, and urban health in Bogotá	Manuel Linsenmeier

Chair: Cesar Salazar

Parallel sessions 5C:		
Marine Program: Sustainable fishing		
Author	Title	Discussant
Lijun Liu (Peking University)	Sustainability Comparisons in the Triple Bottom Line for Chinese Fisheries	Carlos Chavez
Leonardo Salazar (Universidad de Concepción)	Market Integration and Price Leadership: The U.S. Atlantic Salmon Market	Miguel Quiroga
Håkan Eggert (University of Gothenburg)	Fisheries Performance in Africa: An analysis based on data from 14 countries	Godwin Kofi Vondolia
Cesar Salazar (University of Bio-Bio)	Environmental performance in the salmon industry in Chile	Jorge Dresdner

Chair: Monica Marcela Jaime Torres

Parallel sessions 5D:		
Behavioural & experimental economics 2		
Author	Title	Discussant
Lydia Chikumbi (University of Cape Town)	Premium price for natural preservatives in wine: a discrete choice experiment	Anthony Amoah
Cesar Mantilla (Universidad del Rosario)	Environmental valuation using bargaining games: an application to water	Jorge Higinio Maldonado
Rui Wang (Xiamen University)	Conditional Commitment Mechanisms in Climate Negotiations: An Experimental Investigation	Nicholas Kilimani
Monica Marcela Jaime Torres (University of Concepcion)	Exploring consistency between stated and revealed preferences prior the plastic bag ban policy in Chile	Chalmers Mulwa

Chair: Franklin Amuakwa-Mensah

Parallel sessions 5E:		
Research Proposals		
Author	Title	Discussant
Quach Thi Khanh Ngoc (Nha Trang University)	Sustaining Vietnam's small-scale fisheries in the context of food security and poverty eradication	Research Committee
Innocent Abanum Ifelunini (University of Nigeria)	Coping with water scarcity, preferences and willingness to pay for water supply in Enugu Nigeria	
Nkechi Srodah Owoo (University of Ghana)	A Spatiotemporal Analysis of the Adoption of Soil Conservation Practices in Nigeria: 2011- 2016	