



Interdisciplinary PhD Workshop in Sustainable Development (IPWSD) Final Program 2023

Location

Columbia University - SIPA - International Affairs Building (IAB) - 15th floor
420 W 118th St, New York, NY 10027

Contact

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**We would like to sincerely thank our sponsors for making this event possible:
Institute for Social and Economic Research and Policy (ISERP), Center on Global Energy
Policy (CGEP), Center for Sustainable Development, the Columbia Climate School and
the Earth Institute, and the School of International and Public Affairs.**

FRIDAY 03/24/2023

8:30 9:00	BREAKFAST Room: IAB 1512	
9:00 9:10	WELCOME Room: IAB 1512	
9:10 10:10	KEYNOTE LECTURE by Marshall Burke (Stanford University) Room: IAB 1512	
10:10 10:20	BREAK	
10:20 11:50	<p style="text-align: center;">HEALTH AND DISTRIBUTIONAL IMPACTS</p> <p>SESSION 1A Moderator: Jessie Lu</p> <ul style="list-style-type: none"> - Madalsa Singh <i>Distributional effects in health damages from air pollution from using fossil fuel and electrified vehicles in the United States</i> - Xianru Han <i>The Distributional Effects of Tighter Regulations: New Evidence from the Sugarcane Burning in Florida</i> - Julian Roeckert <i>Extreme Weather Events and Intra-Household Violence against Children: Evidence from Mongolia</i> <p>Room: IAB 1512</p>	<p style="text-align: center;">IMPACTS OF CLIMATE CHANGE POLICIES</p> <p>SESSION 1B Moderator: Tristan du Puy</p> <ul style="list-style-type: none"> - Gian Maria Mallarino <i>The Impact of Green Policies on Local Economic Performance: Evidence from the EU ETS</i> - Clara Berestycki <i>Measuring and assessing the effects of climate policy uncertainty</i> - Jingyuan Wang <i>Subsidizing clean industry growth in a market with quality heterogeneity</i> <p>Room: IAB 1101</p>
11:50 13:00	LUNCH Room: IAB 1512	
13:00 14:00	<p>EGGTIMER PRESENTATIONS Moderator: Stephan Thies</p> <ul style="list-style-type: none"> - John Bradley: <i>Humanitarian Subjects: Complicating Morality & Praxis in Refugee Parenting Programs</i> 	

	<ul style="list-style-type: none"> - Sarah Brown: <i>Flood Risk Capitalization and a Comparison of Risk Measurements</i> - Taylor Heath: <i>The Racial Geography of Repetitive Flooding</i> - Ileri Hernandez Carballo: <i>Energy Prices and Environmental Concern</i> - Steven Koller: <i>Exploring price effects of sea level rise exposure across race and income: evidence from property sales in the southeastern United States</i> - Na Zhang: <i>Long-term Effects of Air Pollution: Evidence from Indonesia’s Forest Fires in 1997</i> - Bhavyaa Sharma: <i>Information about transition risk and bank lending</i> - Hua Xu: <i>CEOs' political connections and corporate environmental performance</i> <p>Room: IAB 1512</p>	
<p>14:00 14:10</p>	<p>BREAK</p>	
<p>14:10 15:10</p>	<p style="text-align: center;">MANAGING CLIMATE CHANGE GLOBALLY</p> <p>SESSION 2A Moderator: Hayeon Jeong</p> <ul style="list-style-type: none"> - Danny Bressler <i>Mortality Impacts of Climate Change</i> - Yann Robiou du Pont <i>Quantifying equitable emissions allocation under the Paris Agreement to assess climate pledges' ambition</i> <p>Room: IAB 1512</p>	<p style="text-align: center;">METHODS FOR SUSTAINABLE DEVELOPMENT</p> <p>SESSION 2B Moderator: Tristan du Puy</p> <ul style="list-style-type: none"> - Gregoire Noel <i>Energy and Material Availability Frames Macroeconomic Dynamics: Growth, Income Distribution, and Cycles</i> - Marcel Vitouley <i>A Discrete Geometry Framework for Analyzing Technical Change and Productivity in Tanzanian Maize Farming</i> <p>Room: IAB 801</p>
<p>15:10 15:30</p>	<p>COFFEE BREAK</p>	

<p>15:30 16:30</p>	<p style="text-align: center;">EMPLOYMENT</p> <p>SESSION 3A Moderator: Hannah Farkas</p> <ul style="list-style-type: none"> - Haozhe Yang <i>Decarbonizing China's electricity sector brings significant health benefits but may widen regional disparities in employment</i> - Florian Grosset <i>Working Only Together: Network Spillovers in Labor Supply</i> <p>Room: IAB 1512</p>	<p style="text-align: center;">INFRASTRUCTURE MANAGEMENT</p> <p>SESSION 3B Moderator: Danny Bressler</p> <ul style="list-style-type: none"> - Tam Kemabonta <i>Energy Access and the Implications of State and Private Ownership of Electric Utilities in Sub-Saharan Africa</i> - Sujoy Bhattacharyya <i>Where There's a WUA, There's a Way: The Impact of Mini- Irrigation and Collective Management on Smallholder Farmers in India</i> <p>Room: IAB 801</p>
<p>16:30 16:40</p>	<p style="text-align: center;">BREAK</p>	
<p>16:40 17:40</p>	<p style="text-align: center;">WATER AND HOUSING</p> <p>SESSION 4A Moderator: Stephan Thies</p> <ul style="list-style-type: none"> - Yasmine Van der Straten <i>Flooded House or Underwater Mortgage? The Implications of Climate Change and Adaptation on Housing, Financial Assets & Redistribution</i> - Benjamin Smith <i>Urban Impacts of Liquid Markets: Water and Housing in Colorado</i> <p>Room: IAB 1512</p>	<p style="text-align: center;">AGRICULTURE AND REMOTE SENSING</p> <p>SESSION 4B Moderator: Abhishek Deshwal</p> <ul style="list-style-type: none"> - Vineet Gupta <i>Impacts of flooding on agricultural production: a satellite analysis of Indian villages.</i> - Isabella Smythe <i>Intra-seasonal variation in extreme heat impacts on U.S. corn yields</i> <p>Room: IAB 801</p>
<p>18:00 20:30</p>	<p style="text-align: center;">EVENING RECEPTION at Elysian Fields Cafe Location: 1207 Amsterdam Ave, New York, NY 10027 (see map below)</p>	

All times are Eastern Daylight Time (EDT)

SATURDAY 03/25/2023

9:30 10:00	BREAKFAST Room: IAB 1512	
10:00 11:30	<p style="text-align: center;">MACROECONOMIC EFFECTS OF CLIMATE SHOCKS</p> <p>SESSION 5A Moderator: Roberto Zuniga</p> <ul style="list-style-type: none"> - Hyeseon Shin <i>Agriculture, Trade, Migration and Climate Change</i> - Guglielmo Zappalà <i>Sectoral impact and propagation of weather shocks</i> - Berkay Akyapi <i>Estimating Macro-Fiscal Effects of Climate Shocks From Billions of Geospatial Weather Observations</i> <p>Room: IAB 1512</p>	<p style="text-align: center;">RESOURCE MANAGEMENT</p> <p>SESSION 5B Moderator: Maya Norman</p> <ul style="list-style-type: none"> - Tobias Hellmundt <i>Conflicts of rural transformation: The effects of oil palm expansion in Indonesia</i> - Mboundor Diouf <i>Under the Canopy: Mining and deforestation in Sub-Saharan Africa</i> - Asaba Joyfred <i>Quantifying the Rural-Urban Food flows and the Associated Nutrient Footprint in Uganda: Implications for Urban Food Sustainability</i> <p>Room: IAB 1510</p>
11:30 11:40	BREAK	
11:40 13:00	<p>PRESENTATION and subsequent PANEL DISCUSSION with Eli Fenichel (Yale University), Eyal Frank (University of Chicago), and Julie Rozenberg (World Bank)</p> <p>Room: IAB 1512</p>	
13:00 14:10	LUNCH Room: IAB 1512	
14:10 15:40	<p style="text-align: center;">WASTE MANAGEMENT</p> <p>SESSION 6A Moderator: Florian Grosset</p> <ul style="list-style-type: none"> - Jongeun Park <i>Is the Landfill Methane Outreach Program Effective in Reducing</i> 	<p style="text-align: center;">ECOLOGICAL SPILLOVERS</p> <p>SESSION 6B Moderator: Hannah Farkas</p> <ul style="list-style-type: none"> - Nicole Karwowski <i>The Effects of Wetland Easements on Agricultural Yields</i>

	<p><i>Methane Emissions?</i></p> <ul style="list-style-type: none"> - Anna Papp <i>Pollution, Plastics, and the Global Trade in Garbage</i> - Claire Lepault <i>Is urban wastewater treatment effective in India?</i> <p>Room: IAB 1512</p>	<ul style="list-style-type: none"> - Taryn Bromser-Kloeden <i>Cultural Differences: A Multispecies Ethnography of Black Vulture Predation on Cattle in Virginia.</i> - Simon Jean <i>Wildlands facing global warming: the landscape connectivity dilemma</i> <p>Room: IAB 1510</p>
<p>15:40 16:00</p>	<p>COFFEE BREAK</p>	
<p>16:00 17:00</p>	<p>KEYNOTE LECTURE by Namrata Kala (MIT) <i>Climate Change and Development</i></p> <p>Room: IAB 1512</p>	
<p>17:00 17:10</p>	<p>CLOSING REMARKS</p>	

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Columbia’s Campus, School of International and Public Affairs (SIPA), and Elysian Fields

