

Workshop schedule

12 APRIL

8:30–9:00 Registration and light breakfast (801 IAB)

9:10–10:30 Plenary session (404 IAB) : Remarks by Profs. John Mutter and Geoffrey Heal

10:30–11:00 Coffee (404 IAB)

11:00–11:50 Parallel session 1A (IAB 409) : Information

moderated by Raimundo Atal (ra2683@columbia.edu)

- **Eunki Min (U.Chicago; Economics)**
Local Economy and Political Opinion on Climate Change
- **Xue Dong (SUNY College of Environmental Science and Forestry; Environmental Biology)**
Enhancing Environmental Education Outcomes: Applying QR Codes to Interpretive Signage and Evaluating Visitors' Environmental Attitudes and Behavior

Parallel session 1B (404 IAB) : Disasters

moderated by Daniel Bressler (rdb2148@columbia.edu)

- **Ana Varela Varela (Columbia; Sustainable Development)**
Flooding in an unequal space: the case of Hurricane Sandy
- **Mohammed Baaoum (Virginia Tech; Industrial and System Engineering)**
Overcrowding and Reliance in Emergency Department in Disaster Situation

12:00–1:00 Lunch (grab your food in 1101 IAB; we'll eat there if it's raining)

1:00–3:30* Parallel session 2A (324 IAB) : Climate change impacts and mitigation

moderated by Ana Varela Varela (av2570@columbia.edu)

- **James Doss-Gollin (Columbia; Columbia Water Center)**
Evaluating staged investments in critical infrastructure for climate adaptation
- **Jason Maier (UCSB; Economics and Environmental Science and Management)**
Palatability of behavior for climate change mitigation
- **Jesus Arellano Gonzalez (UC Davis; Agricultural and Resource Economics)**
Estimating climate change damages in data scarce and non-competitive settings: an application to Mexico
- **Sébastien Annan-Phan (UC Berkeley; Agricultural and Resource Economics)**
Police killings and Temperatures
- **Arnold Behrer (Harvard; Public Policy)**
Who Decides? Climate Change, Adaptation & Equity
- **Garrett Albistegui Adler (Stanford; E-IPER)**
Climate, Conflict and Social Capital in Africa

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Parallel session 2B (404 IAB) : Energy

moderated by Raimundo Atal (ra2683@columbia.edu)

- **Megan Lang (UC Berkeley; Agricultural and Resource Economics)**
Understanding Demand for Electricity on the Intensive Margin in Rural Rwanda and Kenya
- **Simone Fobi (Columbia; Quadracci Sustainable Engineering Lab)**
A Guide to Scalable Electricity Planning
- **Stephen Jarvis (UC Berkeley; Energy & Resources Group)**
Choosing between environmental ills: a study of the phase-out of nuclear power in Germany
- **Sherry Wang (Columbia; Sustainable Development)**
Consumer inertia and deregulation in retail electricity market
- **Megan Bailey (Harvard; Public Policy)**
Induced innovation in US electricity: Has RGGI made a difference?
- **Raimundo Atal (Columbia; Sustainable Development)**
Wind Energy and Storage

**Note that these are particularly long sessions; there will be a short break around 2:15 p.m.*

3:40–4:00 Coffee (1101 IAB)

4:10–5:30 Parallel session 3A (324 IAB) : Behavior

moderated by Sherry Wang (xw2362@columbia.edu)

- **Benedetta Lerva (Stockholm University; Institute for International Economic Studies)**
Strategic Behavior, Learning and Technology Adoption
- **Peiley Lau (UC Berkeley; Agricultural and Resource Economics)**
Who is responsible for damaging the commons? Identifying polluters in continent-scale river networks
- **Kidanemariam Abreha Gebretsadik (Norwegian U. of Life Sciences; Econ. and Business)**
Irrigation Water Scarcity and Antisocial Behavior: Experimental Evidence from Communal Irrigation Water

Parallel session 3B (404 IAB) : Land use and agriculture

moderated by Joséphine Gantois (jg3479@columbia.edu)

- **Charles Taylor (Columbia; Sustainable Development)**
Global Land Use Evolution: A Grid-cell Analysis of Land Use Change and its Economic Drivers
- **Ehsan Najafi (CCNY, NOAA Crest; Civil Engineering)**
Climate drives variability and joint variability of global crop yields
- **Anouch Missirian (Columbia; Sustainable Development)**
A less simplistic approach to landscape complexity: agricultural landscape complexity and pest pressure

5:45 Group photo (the steps of Low Library—meet outside the 6th floor at 5:40)

6:00–8:00 Open bar + dinner-quality snacks (Arts+Crafts Beer Parlor, 1135 Amsterdam Ave.)

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10:00–10:30 Light breakfast and coffee (1101 IAB)

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10:40–12:00 Parallel session 4A (418 IAB) : Methods

moderated by Claire Palandri (cp2913@columbia.edu)

- **Sarah Walker (Colorado State; Human Dimensions of Natural Resources)**
Complexities of Ethical Practice in Community-Based Research: A Case for Conservation and Development
- **Min Gon Chung (Michigan State; Environmental Science and Policy)**
A Social Network Analysis for Global Flows of Ecosystem Services
- **Saman Amal (CCNY; Water Resources and Environmental Engineering)**
Simulating Precipitation in the Northeast United States Using a Climate-Informed k-Nearest Neighbors Algorithm

Parallel session 4B (409 IAB) : Forests

moderated by Anouch Missirian (am4215@columbia.edu)

- **Colette Salemi (University of Minnesota; Applied Economics)**
Do Refugees Cause Deforestation? A Quasi-Experimental Spatial Analysis of Sub-Saharan Africa 2000-2012
- **Hannah Druckenmiller (UC Berkeley; Agricultural and Resource Economics)**
The Impact of Climate Change on Ecosystem Services: Evidence from U.S. Forests
- **Angelika Müller (Heidelberg University; Economics)**
Trees and the Grid: Electrification and Timber Consumption in Nigeria

12:00–1:00 Lunch (1101 IAB; same deal as yesterday)

1:10–2:30 Parallel session 5A (418 IAB) : Economic development

moderated by Raimundo Atal (ra2683@columbia.edu)

- **John Cruzatti Constantine (Heidelberg University; Economics)**
Free Trade Agreements: An Economic Development Analysis with High-Spatial-Resolution Data
- **Yue Yu (Columbia; Economics)**
Land Use Regulation and Economic Development: Evidence from the Farmland Red Line Policy in China
- **Edouard Doso (Paris 1 Panthéon-Sorbonne; Economics)**
Transition from dirty to clean capital in a non-linear inventory dynamic with government intervention

Parallel session 5B (405 IAB) : Environmental policy

moderated by Daniel Bressler (rdb2148@columbia.edu)

- **Khaled Kheiravar (UC Davis; Economics)**
The Effects of Fuel Subsidies on Air Quality: Evidence from the Iranian Subsidy Reform
- **José Luis Cruz Álvarez (Princeton; Economics)**
Trade, networks and optimal CO₂ tax
- **Kinga Tchorzewska (University of Barcelona, IEB; Economics)**
Sudden re-introduction of environmental investment tax-incentive - how do firms respond?

2:40–3:00 Coffee (1101 IAB)

3:10–4:30 Parallel session 6A (418 IAB) : Health

moderated by Solomon Gofere (smg2220@columbia.edu)

- **Vidya Sachita Reddy Vemireddy (Cornell; Applied Economics and Management)**
Role of women's time in agriculture-nutrition linkages: evidence from rural India
- **Franziska Landes (Columbia; Earth and Environmental Sciences)**
Engaging communities to reduce toxic exposures to soil lead in Peru and New York
- **Louise Guillouet (Columbia; Economics)**
The unequal gains from increases in quality: an application to the rise of organic food in the US

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Parallel session 6B (405 IAB) : Urbanization

moderated by Carolyn Hayek (ch3062@columbia.edu)

- **Armin Golkhandan (Virginia Tech; Civil and Environmental Engineering)**
Characterization and Assessment of Transportation Diversity: Impacts on Mobility and Resilience Planning in Urban Communities
- **Nicholas Goedeking (UC Berkeley; Environmental Science, Policy, and Management)**
Avoiding Carbon Lock-in with Sustainable Transport Infrastructure
- **Oluyemi Akindeju (University of Lagos; Urban and Regional Planning)**
Morphological analysis of urban fragmentation in urbanized islands: the islands of Lagos as a case study