



Interdisciplinary Ph.D. Workshop on Sustainable Development

Detailed Schedule

Friday, April 25th

9:00AM-9:30AM: Registration – Please show up before 9:30 to register at the registration table that will be outside the auditorium at the International Affairs Building (IAB) room number: 417.

9:30AM-10:30AM: Keynote Address by Prof. Jeffrey D. Sachs.

10:30AM-11:00AM: Light breakfast and coffee break.

11:00AM-12:30PM: Panel on “*Where does research need to progress and develop to in order to answer the open questions from the 5th IPCC report*” with panelists: Prof. Scott Barret, Prof. Laurence Tubiana, and Dr. Gavin Schmidt. Moderated by Kyle Meng, PhD.

12:30PM-1:30PM: Lunch at the 6th floor cafeteria at IAB.

1:30PM-2:00PM: Group photo in front of Low Library – We will be heading from the 6th floor at IAB to Low Library at 1:30PM to take a group photo of all the participants.

2:00PM-3:30PM: Sessions I and II.

Session I: Coupled Systems (*Room 1101, Moderator: Ana Varela Varela*)

- Johan Enqvist (Stockholm University): "Environmental stewardship in rapidly growing cities: The emergence and spread of citizen engagement in lake restoration and protection in Bangalore, India"
- Lorenzo Cerda (Panthéon - Sorbonne University): "Moving to Greener Societies: Moral Motivation and Green Behaviour"
- Jonas Hentati Sundberg (Stockholm University): "Exploring social-ecological co-evolution in a marine system: cross-scale patterns and historical regime shifts"
- Kyle Montanio (University of Rhode Island): "Effect of Coupled Social-Ecological System Characteristics on Poverty Traps: Determining Optimal Aide Program"
- James Rising (Columbia University): "Management of the Distributed Commons"

Session II: Natural Disasters (*Room 1102, Moderator: Steffen Merte*)

- Arnaud Goussebaile (Ecole Polytechnique): "Natural disasters and urban development: insurance policy and zoning restrictions"
- Fabio Farinosi (Harvard University - Ca' Foscari University of Venice): "Climate, land use and hydrology: challenges for Brazil. The evolution of flood risk in the Sao Paulo Metropolitan Region."
- Alicia Cooperman (Columbia University): "The Drought Industry: Climate Adaptation and Politics in Ceará, Brazil"
- Masahiko Haraguchi (Columbia University): "Disaster Risks and Impacts On Supply Chains: Case Study of The Vulnerability of Supply Chains to Thai Floods in 2011 Using a Bayesian Network Analysis"
- Stephanie Lackner (Columbia University): "Drought - A Global Assessment"

3:30PM-4:00PM: Coffee break.

4:00PM-5:30PM: Sessions III and IV.

Session III: Development (*Room 1101, Moderator: Francis Annan*)

- Tal Lee Anderman (Environmental Defense Fund): "Evaluating Co-benefits of Alternative Cook Stoves: Example of Biogas in Southern India"
- Saher Asad (George Washington University): "The Crop Connection: Impact of Cell Phone Access on Crop Choice in Rural Pakistan"
- Amir Jina (Columbia University): "Long-range externalities and human capital: Evidence from atmospheric models and Indonesian megafires"
- Semee Yoon (Columbia University): "Light up: the impact of electricity grid expansion on productivity of Vietnamese households"
- Mark Paul (University of Massachusetts Amherst): "Revisiting the Inverse Relationship Between Farm Size and Output: Land Fragmentation in Ethiopia"

Session IV: Institutions & Path Dependence (*Room 1102, Moderator: Xiaojie Zhang*)

- Johannes Castner (Columbia University): "Cognitive Diversity and Collective Wisdom, Conformity, Homogenization and Collective Failure"
- Samantha De Martino (University of Sussex): "Protecting the Environment: For Love, Money, or Fame? The role of motivation and incentives in Payments for Environmental Services programs"
- Marion Dumas (Columbia University): "Taking the Law to Court - the Interaction of Legislators, Judges and Citizens in the Making of Public Policy"
- Schwoob Marie Hélène (Sciences Po (IEP Paris)): "Center-periphery controversies and strategies, logics and interplay of local actors in the implementation of "social" agricultural modernization policies: the example of agricultural cooperatives in two areas of China"

7:00PM-9:00PM: Speaker's reception at Lura (Address: 949 Columbus Ave between 106 & 107, New York, NY 10025).

Saturday, April 26th

9:00AM-9:30AM: Breakfast at the 6th floor cafeteria at IAB.

9:30AM-11:00AM: Sessions V and VI.

Session V: Natural Resources (*Room 1101, Moderator: Kimberly Lai Oremus*)

- Shan Li (The George Washington University): "Diffusion of a New Technology: Evidence from large scale data on MIS adoption in Gujarat"
- Jeffrey Chow (Yale University): "Determinants of Local Fuelwood Extraction from Mangrove Plantations in Coastal Bangladesh"
- Juanita Ceesay (Sciences Po University): "How Africa can tap into The Value Added Generated from its Natural Resources: Understanding Beneficiation and its Advantages for African Countries."
- Suhyun Jung (University of Minnesota): "Can agricultural multinationals provide ecosystem services more efficiently?"
- Anja Tolonen (University of Gothenburg): "Mineral Mining, Gender and Local Employment"

Session VI: Climate (*Room 1102, Moderator: Stephanie Lackner*)

- Katinka Kristine Holtsmark (University of Oslo (visiting NYU)): "The Dynamics of Linking Permit Market"
- Matthew Gibson (UC San Diego): "Dirty and perverse: substitution responses to the Clean Air Act"
- Jeffrey Shrader (UC San Diego): "Forecasts and Adaptation"
- Philip Nuss (Yale University): "Life Cycle Assessment of Metals: A Scientific Synthesis"
- Anthony D'Agostino (Columbia University): "Games Under Risk and Uncertainty: Gauging Farmers' Adaptation to Climate Change"

11:00AM-11:30AM: Coffee break.

11:30AM-1:00PM: Sessions VII and VIII.

Session VII: Health (*Room 1101, Moderator: Jaehyun Jung*)

- Andrew Stevens (University of California - Berkeley): "Does culturally appropriate food matter for nutrition? Peruvian quinoa: a case study"
- Jongwook Lee (University of Minnesota): "The effect of early childhood malnutrition on human capital development"
- Dawoon Jung (University of Southern California): "The impact of health facility delivery on mother and child health outcomes: A case study in Malawi"

Session VIII: Energy (*Room 1102, Moderator: Eugenie Dugoua*)

- Namrata Kala (Yale university): "The Light and the Heat: Productivity Co-benefits of Energy-saving Technology"
- Laura Bonzanigo (Ca' Foscari University of Venice / The World Bank): "Making Informed Investment Decisions in an Uncertain World: A Short Demonstration"

- Noah Kittner (University of California, Berkeley): "Energy payback ratio of mini-hydro and solar PV systems in northern Thailand"
- Derya Eryilmaz (University of Minnesota): "How Do Renewable Energy Credit Prices and Production Tax Credits Affect Decisions to Invest in Wind Power?"

1:00PM-2:30PM: Lunch at the 11th floor.

2:30PM-4:00PM: Sessions IX and X.

Session IX: Urban Policy & Planning (*Room 1101, Moderator Semee Yoon*)

- Nahyeon Bak (University of Minnesota): "Putting a Price on Trash: Does Charging for Food Waste Reduce Total Waste? The Case of Korea"
- Belinda Archibong (Columbia University): "Political Geography of Infrastructure Access in Nigeria: Evidence from Spatial Data Analysis of Infrastructure Access across Local Government Areas"
- Peter Christensen (Yale University): "Suburbs or Skyscrapers: Measuring the effect of a policy experiment on China's cities?"
- Wei You (University of California, San Diego): "Trapping the cities"
- Kayleigh Campbell (Columbia University): "Do cities that had rail transit in 1920 have lower CO2 emissions today"

Session X: Water (*Room 1102, Moderator: Jason Chun Yu Wong*)

- Befikadu Alemayehu Legesse (Brandenburg University of Technology): "Choice Modeling for Valuation of Payments for Watershed Services: Costs and Benefits in the Blue Nile Basin, Ethiopia."
- Esther Delbourg (Ecole Polytechnique): "The Globalization of Virtual Water Flows: Explaining Trade Patterns of a Scarce Resource"
- Patrick Lloyd-Smith (University of Alberta): "Endogeneity of Risk Perceptions in Water Expenditure Models"

4:00PM-5:00PM: Sessions XI and XII.

Session XI: Governance & Regulation (*Room 1101, Moderator: Marion Dumas*)

- Tim Holland (McGill University): "Changing land markets in three settlement zones of Peru's upper Amazon"
- Lorenzo Cerda (Panthéon - Sorbonne University): "An Evolutionary Approach for International Environmental Agreements"
- Christine Gutekunst (Maastricht University): "Agreement Formation in International Public Goods Provision with Heterogeneous Agents"

Session XII: Agriculture (*Room 1102, Moderator: Anthony D'Agostino*)

- Frances Moore (Stanford University): "Empirical Estimates of Adaptation Potential in Agriculture: The Short- and Long-Run Response to Climate Change in Western Europe"
- Kun Gu (Pardee Rand Graduate School): "Assessing the Impact of Farmer Field Schools on Fertilizer Use in China: Evidence from a Two-Province Randomized Experiment"

- Agha Ali Akram (Yale University): "Agricultural Water Allocation Efficiency in a Developing Country Canal Irrigation System"

5:10PM-5:40PM: Concluding Remarks (*Room 407*).