



Department of  
**Geography and  
Environment**

## **Environmental Economics and the Green Transition**

Venue: European Bank for Reconstruction and Development

Date: 13-14 June 2019

Organisers: Cevat Giray Aksoy, Ralph De Haas and Sefi Roth

### **Thursday 13 June**

**08:30-09:00**      **Coffee and Registration**

**09:00-09:15**      Welcome by Sergei Guriev (EBRD, Sciences Po and CEPR) and Susana Mourato (LSE)

**09:15-11:30**      **Session 1: Climate Change and Pollution**

**Session Chair:** Ralph De Haas (EBRD, Tilburg University and CEPR)

#### **The Social Cost of Global Energy Consumption due to Climate Change**

Tamma Carleton (University of Chicago), Michael Delgado (University of California, Berkeley), Michael Greenstone (University of Chicago and NBER), Trevor Houser (Rhodium Group), Solomon Hsiang (University of California, Berkeley and NBER), Andrew Hultgren (University of California, Berkeley), Amir Jina (University of Chicago and NBER), Robert Kopp (Rutgers University), Kelly McCusker (Rhodium Group), Ishan Nath (University of Chicago), \*James Rising (London School of Economics), Ashwin Rode (University of Chicago), Justin Simcock (Rhodium Group) and Jiacan Yuan (Rutgers University)

*Discussant:* Simon Dietz (LSE)

#### **The Effect of Air Pollution on Migration: Evidence from China**

Shuai Chen (Zhejiang University), Paulina Oliva (University of California, Irvine and NBER) and \*Peng Zhang (The Hong Kong Polytechnic University)

*Discussant:* Juan Pablo Rud (Royal Holloway, University of London)

#### **The Economic Cost of Air Pollution: Evidence from Europe**

Antoine Dechezlepretre (OECD), Nicholas Rivers (University of Ottawa) and \*Balazs Stadler (OECD)

*Discussant:* Peter Nilsson (IIES)

**11:30-12:00**      **Coffee Break**

**12:00-13:00**      **Keynote Lecture 1: The Green Transition in Sub-Saharan Africa: Perspectives from Kenya and Ghana**

Catherine Wolfram (University of California, Berkeley and NBER)

Introduction: Beata Javorcik (University of Oxford and CEPR)

**13:00-14:00**      **Lunch Break**

- 14:00-15:30**      **Session 2: Technology and Development**  
**Session Chair:** Sefi Roth (LSE and IZA)  
**Environmental Preferences and Technological Choices: Is Market Competition Clean or Dirty?**  
Philippe Aghion (College de France, CIFAR & CEP), Roland Benabou (Princeton University & CIFAR), \*Ralf Martin (Imperial College London & CEP) and Alexandra Roulet (INSEAD)  
Discussant: Eugenie Dugoua (LSE)  
  
**Lease Splitting and Dirty Entrants: The Unintended Deforestation Consequences of India's Environmental Clearance Process Reform**  
Anca Balietti (Harvard University), Lucy Page (Harvard University), Rohini Pande (Harvard University), \*Kevin Rowe (Harvard University) and Anant Sudarshan (University of Chicago)  
Discussant: Torfinn Harding (NHH)
- 15:30-16:00**      **Coffee Break**
- 16:00-17:00**      **Policy Panel: Achieving an Inclusive Green Economy Transition**  
Moderator: Sam Fankhauser (Director, Grantham Institute on Climate Change)  
Mattia Romani (Managing Director, Economics, Policy and Governance, EBRD)  
Mike Thompson (Head of UK Carbon Budgets, UK Committee on Climate Change)  
Ajay Gambhir (Senior Research Fellow Imperial College London)  
Alison Tate (Director of Economic and Social Policy - International Trade Union Confederation)
- 17:05-17:50**      **Research Sketches**  
**Session Chair:** Sefi Roth (LSE and IZA)  
**The Global Consumer Incidence of Carbon Pricing: Evidence from Trade**  
Lutz Sager (LSE)  
  
**The Impact of Indoor Climate on Human Cognition: Evidence from Chess Tournaments**  
Steffen Kunn (Maastricht University), Nico Pestel (IZA) and \*Juan Palacios (Maastricht University)  
  
**Radon Risk and the Housing Market: Evidence from a Natural Experiment**  
Ted Pinchbeck (City University of London), Sefi Roth (LSE), Nikodem Szumilo (LSE) and \*Enrico Vanino (LSE)
- 19:00**              **Drinks and Dinner (*by invitation only*)**

**09:00-09:15**      **Welcome Coffee**

**09:15-11:30**      **Session 3: Regulation and Energy**

**Session Chair:** Sefi Roth (LSE and IZA)

**Short-run and Long-run Impacts of Environmental Regulations on Firm Productivity: Evidence from the US Electricity Sector, 1938-1999**

Karen Clay (Carnegie Mellon University), \*Akshaya Jha (Carnegie Mellon University), Joshua Lewis (Universite de Montreal) and Joshua Lewis (Carnegie Mellon University)

*Discussant:* Jacquelyn Pless (Oxford)

**Daylight Saving All Year Round? Evidence from a National Experiment**

Cevat Giray Aksoy (EBRD, IZA and LSE), \*Cagatay Bircan (EBRD) and Elisa Wirsching (University of Mannheim)

*Discussant:* Felipe Carozzi (LSE)

**Sharing is Cheating? Solar Microgrids and Consumer Behaviour in Rwanda**

Tamar Gomez (Imperial College), Ralf Martin (Imperial College) and \*Mirabelle Muuls (Imperial College)

*Discussant:* Robert Elliot (University of Birmingham)

**11:30-12:00**      **Coffee Break**

**12:00-13:00**      **Keynote Lecture 2: Can the Green Transition be Smart and Fair?**

Arik Levinson (Georgetown University and NBER)

Introduction: Sefi Roth (LSE and IZA)

**13:00-14:00**      **Lunch Break**

**14:00-15:30**      **Session 4: Human Capital**

**Session Chair:** Cevat Giray Aksoy (EBRD, IZA and LSE)

**Testing the Water: Drinking Water Quality, Public Notification and School Outcomes**

Michelle Marcus (Vanderbilt University)

*Discussant:* Arnaud Chevalier (Royal Holloway, University of London)

**Temperature and High-Stakes Cognitive Performance: Evidence from the National College Entrance Examination in China**

Joshua Graff Zivin (University of California, San Diego, and NBER), Yingquan Song (Peking University), \*Qu Tang (Jinan University) and Peng Zhang (The Hong Kong Polytechnic University)

*Discussant:* Francois Cohen (University of Oxford)

**15:30-16:00**      **Coffee Break**

**16:00-17:30 Session 5: Risk and Uncertainty**

**Session Chair:** Cagatay Bircan (EBRD)

**Pricing Poseidon: Extreme Weather Uncertainty and Firm Return Dynamics**

\*Mathias S. Kruttli (Federal Reserve Bank), Brigitte Roth Tran (Federal Reserve Bank) and Sumudu W. Watugala (Cornell University)

*Discussant:* Ben Groom (LSE)

**Being Stranded on the Carbon Bubble? Climate Policy Risk and the Pricing of Bank Loans**

Manthos D. Delis (Montpellier Business School), \*Kathrin de Greiff (University of Zurich) and Steven Ongena (University of Zurich and CEPR)

*Discussant:* Orkun Saka (University of Sussex and LSE)

**17:30-17:35 Concluding remarks**

Sergei Guriev (EBRD, Sciences Po and CEPR)

Attendance is free and open to everyone who has pre-registered. Please email Lucie Newman ([newmanl@ebrd.com](mailto:newmanl@ebrd.com)) to register your attendance.

\* Indicates the speaker

PROGRAMME COMMITTEE

Cevat Giray Aksoy (EBRD, London School of Economics and IZA)

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Erin Mansur (Dartmouth and NBER)

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