



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) and Susana Mourato (LSE)

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

Session Chair: Ralph De Haas

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)

13:00-14:00 **Lunch Break**

- 14:00-15:30** **Session 2: Technology and Development**
Session Chair: Sefi Roth
- Environmental Preferences and Technological Choices: Is Market Competition Clean or Dirty?**
Philippe Aghion (LSE, College de France & CIFAR), 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)
- 15:30-15:45** **Coffee Break**
- 15:45-16:45** **Policy Panel: Achieving an Inclusive Green Economy Transition**
Moderator: Sam Fankhauser (Director, Grantham Research Institute, LSE)
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)
- 16:45-17:00** **Coffee Break**
- 17:00-17:45** **Research Sketches**
Session Chair: Sefi Roth
- 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*)**

Friday 14 June

- 09:00-09:15** **Welcome Coffee**
- 09:15-11:30** **Session 3: Regulation and Energy**
Session Chair: Sefi Roth
- 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)
- Staying on Daylight Saving Time: What is it good for?**
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)

13:00-14:00 Lunch Break

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

Session Chair: Cevat Giray Aksoy

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 (Oxford)

15:30-16:00 Coffee Break

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

Session Chair: Cevat Giray Aksoy

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)

17:30-17:35 Concluding remarks

Sergei Guriev

* Indicates the speaker

PROGRAMME COMMITTEE

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

Ralph De Haas (EBRD and Tilburg University)

Tatyana Deryugina (University of Illinois at Urbana-Champaign and NBER)

Olivier Deschenes (University of California - Santa Barbara, IZA and NBER)

Eugenie Dugoua (London School of Economics)

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Sergei Guriev (EBRD, Sciences Po and CEPR)

Vernon Henderson (London School of Economics and NBER)

Erin Mansur (Dartmouth and NBER)

Ralf Martin (Imperial College London)

Susana Mourato (London School of Economics)

Sefi Roth (London School of Economics and IZA)