

VI Econometric Models of Climate Change Conference

August 25–26, 2022

CONFERENCE VENUE

Toulouse School of Economics
Auditorium 3 (ground floor)
1 esplanade de l'université
31000 Toulouse, France

PROGRAM COMMITTEE

Christian Gollier, Toulouse School of Economics
Stéphane Grégoir, Toulouse School of Economics
Eric Hillebrand, CREATES, Aarhus University
Nour Meddahi, Toulouse School of Economics
Felix Pretis, University of Victoria & Nuffield College, Univ. Oxford
Tommaso Proietti, Università di Roma 'Tor Vergata

ORGANIZERS

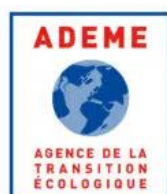
Christian Gollier, Toulouse School of Economics
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LOCAL ORGANIZER

Nour Meddahi, Toulouse School of Economics

CONFERENCE SECRETARIAT

Valérie Placier & Stéphanie Risser
Email: emcc-2022@tse-fr.eu



08.30 – 09.00 **Registration**

09.00 – 09.05 **Welcome Words: Christian GOLLIER and Eric HILLEBRAND**

09.05 – 10.35 **SESSION 1 Chair: Christian GOLLIER**

- **09.05 – 09.35:** **Bent Jesper CHRISTENSEN (CREATES and the Dale T. Mortensen Center, Aarhus University)**
« Climate, Wind Energy, and CO2 Emissions from Energy Production in Denmark »
- **09.35 – 10.05:** **Chu (Alex) YU (Wake Forest University)**
« Sources and Nature of Measurement Error in Estimating Climate-Related Impacts »
- **10.05 – 10.35:** **Francesco GIANCATERINI (Maastricht University)**
« Is Climate Change Time Reversible? »

10.35 – 11.00 **Break**

11.00 – 12.30 **SESSION 2 Chair: Nour MEDDAHI**

Presentation of the Posters

12.30 – 14.00 **Lunch and Poster Session**

14.00 – 15.30 **SESSION 3 Chair: Tommaso PROIETTI**

- **14.00 – 14.30:** **Andrey RAMOS RAMIREZ (Universidad Carlos III Madrid)**
« From Paleo-Cooling to Paleo-Warming »
- **14.30 – 15.00:** **Mikkel BENNEDSEN (Aarhus University)**
« A New Statistical Reduced Complexity Climate Model »
- **15.00 – 15.30:** **Caterina RHO (European Commission - Joint Research Center)**
« Flooding Credit Markets: Loans to SMEs after a Natural Disaster »

15.30 – 16.00 **Break**

16.00 – 17.30 **SESSION 4** Chair: Bent Jesper CHRISTENSEN

- **16.00 – 16.30:** **Pierre MEREL (University of California Davis)**
« *Reckoning Climate Change Damages along an Envelope* »
- **16.30 – 17.00:** **Ebba MARK (Climate Econometrics, Nuffield College, University of Oxford)**
« *The Just Transition: Through the Lens of a Novel Typology of Coal Counties and Insufficient Green Investments* »
- **17.00 – 17.30:** **Isea CIEPLY (University of Göttingen)**
« *The Impact of Environmental Regulation on Innovation: Quasi-Experimental Evidence from China's Two Control Zones Policy* »

19.30 **Dinner**

Friday, August 26

09.00 – 10.30 **SESSION 5** Chair: Eric HILLEBRAND

- **09.00 – 09.30:** **Timo TERASVIRTA (CREATES, Aarhus University and C.A.S.E., Humboldt-Universität zu Berlin)**
« *Long Monthly European Temperature Series and the North Atlantic Oscillation* »
- **09.30 – 10.00:** **Moritz SCHWARZ (University of Oxford)**
« *Attributing Agnostically Detected Large Reductions in Road CO2 Emissions to Policy Mixes* »
- **10.00 – 10.30:** **Michel SIMIONI (MoISA, INRAE, Montpellier and TSE)**
« *Climate Change and Rice Yield: Compositional Scalar-on-Density Regression Approach* »

10.30 – 11.00 **Break**

11.00 – 12.30 **SESSION 6** Chair: Timo TERASVIRTA

- **11.00 – 11.30:** **Marina FRIEDRICH (Vrije Universiteit Amsterdam)**
« *Analyzing Common Trends in Atmospheric Ethane* »
- **11.30 – 12.00:** **Tommaso PROIETTI (University of Rome Tor Vergata)**
« *Trends in Atmospheric Ethane* »
- **12.00 – 12.30:** **Daniele VALENTI (Fondazione Eni Enrico Mattei)**
« *The Effect of Climate Change on Economic Growth: A Structural Global Vector Autoregressive Approach* »

12.30 – 14.00 **Lunch**

14.00 – 15.30 **SESSION 7** Chair: Stéphane GREGOIR

- **14.00 – 14.30:** **Eric HILLEBRAND (Aarhus University)**
« Global Temperature Projections from a Statistical Energy Balance Model using Multiple Sources of Historical Data »
- **14.30 – 15.00:** **Ashwin RODE (University of Chicago)**
« Labor Disutility in a Warmer World: The Impact of Climate Change on the Global Workforce »
- **15.00 – 15.30:** **Luisa NOBRE (Nova SBE)**
« Does Water Scarcity Increase CO2 Emissions? Evidence from MIBEL »

15.30 – 16.00 **Break**

16.00 – 17.00 **KEYNOTE LECTURE** Chair: Christian GOLLIER

Lars Peter HANSEN (University of Chicago)
« How Should Climate Change Uncertainty Impact Social Valuation and Policy? »

17.00 **Adjourn**

Time allocation: 25 minutes for presenter, 5 minutes for questions.

Time allocation for the presentation of the posters: 13 minutes.

POSTER SESSION

Emanuele CHINI (EDHEC Risk Climate Impact Institute)
« Time-varying Environmental Betas and Latent Green Factors »

Dino COLLALTI (University of Bern)
« Flash Flood Hazard: An Economic Analysis for Central America and the Caribbean »

Sebastian JENSEN (Aarhus University)
« A Neural Network Approach to the Environmental Kuznets Curve »

Hazem KRICHENE (Scope ESG Analysis GmbH)
« The Impact of Temperature on the Production of Economic Sectors »

Christoph MEINERDING (Deutsche Bundesbank)
« Shocks to Transition Risk »

Lisa THALHEIMER (Princeton University) and Moritz SCHWARZ (University of Oxford)
« Weather and Conflict Effects on Internal Displacement in Somalia »