



Halle Institute for Economic Research
Member of the Leibniz Association

CIREQ



MARTIN-LUTHER-UNIVERSITÄT
HALLE-WITTENBERG

GW

H.O. Stekler
Research Program
on Forecasting

Virtual Workshop: 22nd IWH-CIREQ-GW Macroeconometric Workshop: Environmental Macroeconomics on November 1st and 2nd, 2021

Time schedule below in blue refers to Central European Time (CET) and in black to Eastern Daylight Time (EDT).

Friday, October 29, 2021

Posters are online for individual review / inspection.

Monday, November 1, 2021

02:00–02:15 pm / 09:00–09:15 am

Opening Remarks

Oliver Holtemöller (IWH, Martin Luther University Halle-Wittenberg)

02:15–03:15 pm / 09:15–10:15 am

Keynote Lecture

A Robust Climate Policy

John Hassler (Stockholm University)

03:15–03:30 pm / 10:15–10:30 am

Discussions in Breakout Rooms

03:30–05:00 pm / 10:30–12:00 pm

Session A 1: Impact of Green Policies

Chair: **Tara Sinclair** (George Washington University)

Can International Technological Diffusion
Substitute for Coordinated Global Policies to
Mitigate Climate Change?

Philip Barrett (International Monetary Fund)

Discussant: Johannes Strobel (Deutsche Bundesbank)

The Cost of Greening Stimulus: A Dynamic
Analysis of Vehicle Scrappage Programs

Youming Liu (Bank of Canada), Shanjun Li, Chao Wei

Discussant: Ivan Rudik (Cornell University)

Session A 2: Climate Change and Economic Growth

Chair: **Oliver Holtemöller** (IWH, Martin Luther University Halle-Wittenberg)

GDP and Temperature: Evidence on
Cross-Country Response Heterogeneity

Chadwick Curtis (University of Richmond), Kimberly Berg,
Nelson Mark

Discussant: Manuel Linsenmeier (London School of
Economics and Political Science)

Energy Efficiency and Fluctuations in CO₂
Emissions

Lilia Karnizova (University of Ottawa), Soojin Jo

Discussant: Marcos Araujo Marcolino (Potsdam Institute
for Climate Impact Research)

05:00–05:30 pm / 12:00–12:30 pm

Break

05:30–07:00 pm / 12:30–02:00 pm

Session B 1: Climate Change and Economic Policies

Chair: **Boreum Kwak** (IWH, Martin Luther University Halle-Wittenberg)

Using Energy and Emission Taxation to Finance
Labor Tax Reductions in a Multi-Sector Economy

Johannes Strobel (Deutsche Bundesbank), Natascha
Hinterlang, Anika Martin, Oke Röhe, Nikolai Stähler

Discussant: Christoph Schult (IWH)

The Expectation Channel of Climate Change:
Implications for Monetary Policy

Gernot Mueller (University of Tuebingen), Alexander
Dietrich, Raphael Schoenle

Discussant: Gregor von Schweinitz (IWH, Leipzig University)



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Session B 2: Environmental Economic Modelling

Chair: **Jean-Marie Dufour** (IWH, McGill University, CIREQ)

Arctic Amplification of Anthropogenic Forcing: A Vector Autoregressive Analysis

Maximilian Göbel (Universidade de Lisboa), Philippe Goulet Coulombe

Discussant: Vasco Gabriel (University of Victoria)

The Climate in Climate Economics

Aleksandra Malova (University of Lausanne), Doris Folini, Felix Kübler, Simon Scheidegger
Discussant: Frank Venmans (Grantham Research Institute for Climate Change and the Environment)

07:00–07:15 pm / 02:00–02:15 pm
Break

07:15–08:00 pm / 02:15–03:00 pm
Poster Q&A Session A

Poster A 1

Revisiting the Causal Role of CO₂ in Ice Ages Using Long-Run Covariability Methods

Luis Filipe Martins (Instituto Universitario de Lisboa, ISCTE), Vasco Gabriel, Anthoulla Phella

ICT and Aggregate Energy Demand

Marcos Araujo Marcolino (Potsdam Institute for Climate Impact Research)

Long-Term Effects of Environmental Policies on Educational Performance: Evidence from China

Siwar Khelifa (University of Lyon 2), Jie He

Poster A 2

Seasonal Economic Cycles and Temperature Variability

Manuel Linsenmeier (London School of Economics and Political Science)

Halle Institute for Economic Research –
Member of the Leibniz Association (IWH)
Kleine Maerkerstrasse 8, 06108 Halle (Saale)

Scientific committee:

Jean-Marie Dufour (McGill University, CIREQ, IWH), Katja Heinisch (IWH), Oliver Holtemöller (IWH and Martin Luther University Halle-Wittenberg), Boreum Kwak (IWH and Martin Luther University Halle-Wittenberg), Tara M. Sinclair (The George Washington University)

Industrialization, Servification and Environmental Kuznets Curve: Non-linear Panel Regression Analysis

Fatma Taşdemir (Sinop University)

08:00 pm / 03:00 pm
Discussion and Networking

Tuesday, November 2, 2021

02:00–03:30 pm / 09:00–10:30 am

Session C 1: Climate Policy and Inequality

Chair: **Xiang Li** (IWH, Martin Luther University Halle-Wittenberg)

Climate Policy and Wealth Distribution

Thang Dao (Osaka University)
Discussant: Simone Maxand (Humboldt University of Berlin)

The Economic Consequences of Putting a Price on Carbon

Diego Känzig (London Business School)
Discussant: Maral Kichian (University of Ottawa)

Session C 2: Macroeconomic Impact of Natural Disaster

Chair: **Katja Heinisch** (IWH)

Extreme Weather and the Macroeconomy

Christian Matthes (Indiana University), Hee Soo Kim, Toan Phan
Discussant: Sven Schreiber (IMK)

The Short-Run, Dynamic Employment Effects of Natural Disasters: New Insights

Alessandro Barattieri (ESG UQAM), Patrice Borda, Alberto Brugnoli, Martino Pelli, Jeanne Tschopp
Discussant: Andrew Martinez (U.S. Department of the Treasury)

Contact:

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Tel +49 345 7753 801

You can register at:

[Macroeconometric Workshop-Registration](#)

There is no workshop fee for the virtual event.



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03:30–03:45 pm / 10:30–10:45 am
Break

03:45–04:45 pm / 10:45–11:45 am
Keynote Lecture
Business Cycles and Environmental Policy:
Literature Review and Policy Implications
Carolyn Fischer (Vrije Universiteit Amsterdam and Uni-
versity of Ottawa)

04:45–05:00 pm / 11:45–12:00 pm
Discussions in Breakout Rooms

05:00–05:30 pm / 12:00–12:30 pm
Break

05:30–06:15 pm / 12:30–01:15 pm
Poster Q&A Session B

Poster B 1

Modeling Climate-resilient Economic Develop-
ment: Quantifying Economic Effects for Vietnam
Christoph Schult (IWH), Andrej Drygalla, Katja Heinisch

A Panel SVAR for European Climate Policy
Simone Maxand (Humboldt University of Berlin)

The Relative Role of Temperature and Precipita-
tion in Global Economic Growth
Menghan Yuan (Nord University), Hande Karabiyik,
Thomas Leirvik

Poster B 2:

Climate and Monetary Policies: an Environ-
mental-DSGE Approach
Alessandro Sardone (IWH), Oliver Holtemöller

Do Weather Extremes Make Inflation Harder to
Forecast?
Roland Meeks (IMF), Gunes Kamber, Abhiprerna Smit

Endogenous Climate Policy, Systemic Risk and
Asset Stranding
Niko Jaakkola (University of Bologna), Achim Hagen,
Angelika Voigt

06:15–06:30 pm / 01:15–01:30 pm

Concluding Remarks

Jean-Marie Dufour (IWH, McGill University, CIREQ)