Call for Papers

Macroeconomic Implications of Climate-Related Risks: Challenges and Opportunities for the Low-Carbon Transition

We are pleased to announce a three-day workshop on *“Macroeconomic Implications of Climate-Related Risks: Challenges and Opportunities for the Low-Carbon Transition”*, jointly organized by **Scuola Superiore Sant’Anna**, **IUSS Pavia**, and the **University of Bologna**. The event is sponsored by the PRIN projects “Evaluating Climate Physical and Transition Risks in Italy” (ECliPTIc) and “SteeriNg financE toWards green technologieS: a hybrid experimental-computational macro approach” (NEWS).

The workshop will take place on **23-25 February 2026 at Scuola Superiore Sant’Anna, Pisa, Italy**. The program will bring together senior experts and young scholars to promote dialogue between established and emerging voices in climate macroeconomics and finance. Early-career researchers, PhD students, and postdoctoral fellows are especially encouraged to apply, as the workshop provides an excellent venue for presenting ongoing work and receiving constructive feedback.

The workshop will focus on understanding how climate-related physical and transition risks shape macroeconomic dynamics and the path towards a low-carbon economy. Modern economies are increasingly exposed to the growing frequency and magnitude of **physical risks**, as well as the uncertainty surrounding **transition risks**. This workshop gathers researchers working at the intersection of macroeconomics, environmental economics, and climate science to quantify the near- to medium-run macroeconomic consequences of climate change and their implications for the low-carbon transition. The aim is to analyze interactions between environmental and economic systems and to uncover the mechanisms influencing the timing, pace, and feasibility of the green transition.

We welcome contributions addressing, among others, the following themes:

- **Systemic risks in the climate-macro-finance nexus**: regional, sectoral, and macroeconomic implications of physical and transition risks.
- **Quantitative impact assessments of climate-related shocks**: supply chain disruptions, direct and indirect network amplifications, financial instability, capital reallocation.
- **Modeling of the financial system's role in climate transitions**: from green and sustainable finance and investment policies to mitigate financial stability concerns.
- **Political economy and behavioral perspectives on climate policy** adoption and effectiveness.
- **Policy and prudential frameworks** for climate mitigation and adaptation: evaluating market-based, non-market-based policies and stress-test frameworks.

The workshop welcomes contributions employing **diverse methodological approaches**, with a particular interest in those that emphasize the analysis of economic systems as complex adaptive systems, the interactions between real and financial dynamics, the behavioral dimensions of adaptation and transition processes, and the role of economic networks.

<u>Workshop features:</u>

<u>Keynote lecture:</u>
Jean-Francois Mercure, University of Exeter (UK)

<u>Roundtable:</u>
Francesca Diluiso (Bank of England)
Jean-Francois Mercure (University of Exeter)
Andrea Roventini (Sant'Anna School of Advanced Studies, Pisa)

<u>Young Scholar Initiative (YSI) session:</u>
One workshop day, sponsored by the Young Scholar Initiative (YSI), will be dedicated to early-career researchers, who will have the opportunity to present their work and receive feedback from senior scholars.

We are organizing a **Special Issue** on the workshop's themes in *Economic Modelling*. All workshop participants will be invited to submit their papers for consideration, subject to the journal's standard peer-review process.

Practical information

There is **no registration fee.** For a limited number of young scholars accommodation and travel expenses will be offered thanks to the financial support from the Young Scholar Initiative.

Selected participants will be invited to deliver in-person presentations of 20 minutes, followed by Q&A.

How to apply

Please submit your contribution by **December 15, 2025,** by filling-out these forms:

General form: https://forms.gle/m98h68XyJryFYqPq6
Young scholars form: https://forms.gle/e2oBj5ptv9VbsH2f7

We welcome submissions in the form of **extended abstracts** or **full papers.** Young scholars can submit short **abstracts**.

Notifications of acceptance will be sent by early January 2026.

Scientific committee

Alessandro Caiani, University School for Advanced Studies Pavia (IUSS Pavia)

Emanuele Campiglio, University of Bologna and RFF-CMCC European Institute on Economics and the Environment (EIEE)

Francesca Diluiso, Bank of England

Francesco Lamperti, Sant'Anna School of Advanced Studies (Pisa) and RFF-CMCC European Institute on Economics and the Environment (EIEE)

Lilit Popoyan, Queen Mary University of London

Enrico Turco, Università Cattolica del Sacro Cuore and Fondazione Eni Enrico Mattei (FEEM)

Local organising committee

Elisabetta Cappa
Hannah Engljaehringer
Gianluca Pallante
Ginevra Scalisi
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For organisational questions, please write to: novelmacroclimate.info@gmail.com