

Roundtable on Macroeconomics and Climate-related Risks and Opportunities

Open Meeting

MONDAY, JANUARY 23, 2023 | OPEN SESSION

Meeting Goals

- Ground Roundtable discussions with user capabilities and needs to ensure utility of activities
- Provide brief high-level overview of macroeconomics and current state of approaches for consideration of climate change impacts and variables
- Provide brief high-level overview of climate science and how it intersects with economics
- Consider available policy pathways and their implications on socioeconomic outcomes

10:00–10:15 Welcome

- **Wendy Edelberg and Robert Kopp**, Co-Chairs

10:15–10:20 Opening Remarks

- **Marcia McNutt**, President, National Academy of Sciences

10:20–12:00 Panel on User Capabilities and Needs

Moderator: Brad Colman, American Meteorological Society

- **Heather Boushey**, Council of Economic Advisors
- **Joseph Kile**, Congressional Budget Office
- **Adele Morris**, Federal Reserve Board
- **Sarah Kapnick**, National Oceanic and Atmospheric Administration
- **Zachary Liscow**, Office of Management and Budget

12:00–13:00 LUNCH

13:00–14:20 Macroeconomics Primers

Moderator: Emi Nakamura, University of California, Berkeley

Discussion Questions:

- What is macroeconomics and why should macroeconomists care about climate change?
- What is the current state of economics of climate change?
- What are the predominant macroeconomic models and how do they consider climate, distributional effects, equity, etc?
- What are the challenges and barriers to representing climate?
- What are the opportunities and limitations of coupled human-natural models?

Speakers:

- **Jim Stock**, Harvard University
- **Lars Hansen**, The University of Chicago
- **Solomon Hsiang**, University of California, Berkeley

- **Eric Kemp-Benedict**, Stockholm Environment Institute US
- **Sathya Gopalakrishnan**, The Ohio State University

14:20–14:40 **Climate Primer**

Moderator: Paulina Jaramillo, Carnegie Mellon University

What is the climate science everyone should understand and how does economics inform climate projections?

Chris Field, Stanford University

14:40–15:00 **BREAK**

15:00–15:55 **Policy + Social Science Primers**

Moderator: Paulina Jaramillo, Carnegie Mellon University

What policy pathways are available to address climate change and what are their associated macroeconomic transition risks?

Rachel Cleetus, Union of Concerned Scientists

How does public policy consider and affect socioeconomic equity?

Sanya Carley, Indiana University

How does public policy affect human and economic wellbeing?

Jason Hickel, London School of Economics

15:55–16:00 **Wrap Up Day 1**

Wendy Edelberg and Bob Kopp, Co-chairs

MEETING ADJOURNS