

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

DIVISION OF BEHAVIORAL AND SOCIAL SCIENCES AND EDUCATION

Tuesday, September 22, 2020

VIRTUAL FALL 2020 BOARD MEETING **Board on Environmental Change and Society**

WEBINAR AGENDA

Assessing and Communicating Climate Change Scenarios 1pm – 4pm (Eastern Time)

For More Information Contact:

Toby Warden at MWarden@nas.edu

More Details:

<https://www.nationalacademies.org/event/09-22-2020/communicating-climate-change-scenarios-to-the-public>

Registration Link:

<https://www.eventbrite.com/e/communicating-climate-change-scenarios-to-the-public-registration-120244030131>

During this 3-hour session, panelists and the Board will explore approaches to assess an increasingly complex scenario landscape; and types of synthetic elements that could be helpful to clearly communicate an assessment to the general public. The session will include a series of brief presentations followed by discussions with Board Members and audience participants. This will be an exploratory session reviewing current approaches with consideration to creative ways to reimagine scenario/communication strategies. *There will be no write-up or written deliverable attached to this activity. The webinar will be archived on the BECS website.*

1:00 pm Welcome

- *Toby Warden, Director, Board on Environmental Change and Society (BECS) and Kristie L. Ebi, University of Washington, BECS Chair*

1:10 pm Panelist Briefings

- *Brian O'Neill, University of Denver – Overview of Shared Socioeconomic Pathways (SSPs), Scenario-MIP, and Next Steps with SSPs*
- *Zeke Hausfather, The Breakthrough Institute – An overview of Emissions, Concentrations, and Future Warming Scenarios*
- *Claudia Tebaldi, Joint Global Change Research Institute – Earth system Model Simulations Based on the Scenarios*
- *Cynthia Rosenzweig, NASA – Agricultural Model Intercomparison and Improvement Project (AgMIP)*
- *Kristie L. Ebi, University of Washington, BECS Chair – Synthesizing Results by Time and Temperature*
- *Susan Hassol, Climate Communication – Appropriately Simplifying and Communicating Climate Scenarios*
- *Baruch Fischhoff, Carnegie Mellon University – Risk Communication and Making Climate Science More Useful and Relevant*

2:45 pm Break

3:00 pm Discussion with Board and Audience

4:00 pm Adjourn

Core Support for the Board on Environmental Change and Society is provided by the National Science Foundation

Board on Environmental Change and Society

<https://www.nationalacademies.org/becs/board-on-environmental-change-and-society>

The Board on Environmental Change and Society (BECS) mobilizes social and behavioral sciences to identify equitable and effective solutions to the challenges at the intersection of environmental change and society. Such solutions must consider drivers of behavior and decision-making at all scales, including individuals, communities, businesses and governments. Critical drivers include societal values, norms, socioeconomic factors, markets, and policies. The Board draws on interdisciplinary expertise to address the social, political, economic and equity dimensions of environmental change.