

BASC Board Meeting

Spring 2023

May 23, 2023: Open Sessions

All times: Eastern time zone

Purpose

- Engage with key Federal agency partners to identify BASC-related needs and opportunities in recent legislation and current weather and climate modeling activities and investments
- Build knowledge and understanding of climate modeling and uncertainty for decision making, with attention to the decadal time scale, to support BASC Board consideration of potential NASEM work to advance related science and applications

TUESDAY, MAY 23, 2023

OPEN SESSION 1: Agency Updates

10:00 AM Agency updates Mary Glackin

Updates on Climate and weather modeling activities and investments; and Impact of recent legislation (IRA, Bipartisan Infrastructure Act, CHIPS) on BASC portfolio

- **Jack Kaye**, Associate Director for Research, Earth Science Division, NASA
- **Gary Geernaert**, Director, Earth and Environmental Systems Sciences Division, Department of Energy
- **Anne Johansen**, Division Director, Atmospheric and Geospace Sciences, NSF
- **Michael Morgan**, Assistant Secretary of Commerce for Environmental Observation and Prediction, NOAA

Question and answer period to follow each presentation.

11:55 AM Closing Remarks, Adjourn Open Session 1 Mary Glackin

12:00 PM Lunch

OPEN SESSION 2: Uncertainty and Climate Modeling for Decision Making

1:00 PM	Welcome - Session Overview	Linda Mearns
1:15 PM	Session 1: Climate-informed decision making under uncertainty: user needs, challenges, and opportunities	Efi Foufoula-Georgiou, Moderator
	Robert Lempert, RAND Corporation	
	Klaus Keller, Dartmouth College	
	Jennifer Jacobs, University of New Hampshire, ICNet Global	
2:30 PM	Break	
2:45 PM	Session 2: Uncertainty in climate modeling: state-of-the-art, low-hanging fruits, and future directions	Elizabeth Barnes, Moderator
	Tapio Schneider, California Institute of Technology (Caltech)	
	Isla Simpson, National Center for Atmospheric Research (NCAR)	
	V. Balaji, Schmidt Futures	
4:00 PM	Session 3: Panel Discussion	Ruby Leung, Amy McGovern, Moderators
5:00 PM	ADJOURN FOR DAY	