

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**

**Board on Atmospheric Sciences and Climate**

Spring Meeting | June 3-4 2021

OPEN SESSIONS

**Thursday, June 3 – Future of Climate Services**

In this session, Federal agency and Congressional staff leaders will share their perspectives and updates on the needs, opportunities, and challenges associated with providing timely and relevant climate information to meet a host of user needs. Questions covered may include:

- What are the current strengths and key gaps with regard to climate services?
- What are the needed mechanisms to cooperate with other agencies, states, and other organizations contributing to climate services?
- How should climate services be evaluated?

12:30 PM      Reflections on Climate Services

- Richard Moss, Joint Global Change Research Institute, PNNL/UMD

12:45 PM      Federal Agency Perspectives

- Gary Geernaert, DOE
- Jack Kaye, NASA
- Anjuli Bamzai, NSF GEO
- Ko Barrett, NOAA

Discussion

2:00 PM      Congressional Perspectives

- Priyanka Hoogan, House Science
- Fern Gibbons, Senate Commerce

Discussion

3:00 PM      Break

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**Friday, June 4 – Equity and Justice in the Nation’s Weather, Water, and Climate Services**

**12:00 PM      Panel 1: Incorporating Equity and Justice into the Nation’s Weather, Water, and Climate Services**

Panelists will discuss how weather, water, and climate researchers and practitioners can incorporate equity and justice into the ways they conceptualize the needs for their services, set up operational systems, and build out their services. Questions covered may include:

- In what ways are disadvantaged communities underserved by current research, infrastructure, forecasting, and other services?
- What sorts of research should be undertaken to better characterize/understand and identify ways to address these gaps?
- What are opportunities to incorporate equity and justice considerations into operational weather and climate services?

Moderator: Aradhna Tripathi, UCLA

- Marshall Shepherd, University of Georgia
- Deanna Hence, University of Illinois at Urbana-Champaign
- Joseph Trujillo Falcón, University of Oklahoma, CIMMS/NOAA NSSL
- Bill Parker, National Weather Service

**1:30 PM      Break**

**2:00 PM      Panel 2: Learning from Environmental Justice Research: Applications to Climate and Weather**

As climate and weather academics increasingly seek to consider equity and justice in their research, there is a body of scholarship and extensive experience in Environmental Justice upon which they can draw. Panelists in this session will share insights from Environmental Justice scholarship and their own involvement with different communities in developing research programs, conducting research, and putting research findings into action.

Moderator: Aradhna Tripathi, UCLA

- Catherine Flowers, Center for Rural Enterprise and Environmental Justice
- Dominique David-Chavez, Colorado State University, University of Arizona Native Nations Institute
- Kyle Whyte, University of Michigan
- Danielle Deane-Ryan, Donors of Color
- Andrew Geller, EPA
- Eddie Bautista, NYC Environmental Justice Alliance

**3:30 PM      Adjourn session**