



Climate Crossroads Summit *Public Agenda*

Session 1: July 11 | 9:00am – 4:30pm ET

Reception: July 11 | 4:30pm – 7:00pm ET

Session 2: July 12 | 9:00am – 3:00pm ET

National Academy of Sciences Building

2101 Constitution Avenue NW
Washington, DC

Goals

- **Engage** with a broad set of thought leaders and stakeholders on critical crosscutting topics and pathways to action to meet the climate crisis;
- **Explore** emerging challenges and opportunities for addressing climate challenges;
- **Connect** stakeholders to each other and to ongoing climate work across NASEM, creating opportunities for building and strengthening collaborations; and
- **Plan** for future crosscutting work accelerate the transition of science into climate action.

TUESDAY, JULY 11, 2023

8:30 AM **Registration** – *Coffee and light breakfast available in the Great Hall*

AUDITORIUM & LIVESTREAM

9:00 AM **Welcome**
Gregory Symmes, Chief Program Officer, National Academies of Sciences, Engineering, and Medicine

9:05 AM **Meeting Overview**
Amanda Staudt, Senior Director, Climate Crossroads

9:15 AM **Climate at a Crossroads**
Addressing climate change requires connecting expertise across multiple complex issues: the physical drivers and dynamics of climate change in the natural world; how society, communities, individuals, and the natural world experience those changes; the profound connection to health and medicine; and the potential for engineering and technology to advance mitigation and adaptation to climate change. Panelists in this session will discuss the challenges and opportunities of convergent research relevant to climate change, and how the three Academies are working together to tackle these challenges.

Moderator: **Peter Frumhoff**, Woodwell Climate Research Center & Harvard University

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

- **John Anderson**, President, National Academy of Engineering
- **Victor Dzau**, President, National Academy of Medicine
- **Amanda Staudt**, Director, Climate Crossroads

10:30 AM **Break**

10:45 AM **Pathways to Climate Action**

Achieving goals for a low-carbon and resilient future will require a multitude of actions across many sectors. Key pathways include accelerating decarbonization, ensuring thriving ecosystems that can provide a multitude of services, supporting communities to become climate resilient, and addressing the intersections of climate change and human health. Panelists in this session will discuss key barriers to addressing climate challenges and opportunities to accelerate the transition of science into action.

Moderator: **Cyndi Atherton**, Heising-Simons Foundation

- *Accelerating Decarbonization* – **Jared Cohon (NAE)**, Carnegie Mellon University (Emeritus)
- *Thriving Ecosystems in the Context of a Changing Climate* – **Glen MacDonald (NAS)**, University of California Los Angeles
- *Climate-Resilient Communities* – **Raj Pandya**, American Geophysical Union
- *Climate Change, Human Health, and Equity* – **Jonathan Patz (NAM)**, University of Wisconsin-Madison (virtual)

12:00 PM **Break – Lunch available in the Great Hall**

1:00 PM **Enabling Productive Conversations to Advance Climate Action**

Navigating productive conversations about paths forward to address climate change can be challenging given the range of issues, perspectives, and policy contexts to consider. Panelists in this session will offer perspectives on how to foster dialogue and find common ground on steps to advance climate action.

Moderator: **Mariette DiChristina**, Boston University

- **Matthew Nisbet**, Northeastern University
- **Sonia Aggarwal**, Energy Innovation (virtual)
- **Spencer Nelson**, ClearPath
- **Linda Langston**, Langston Strategies Group

2:30 PM **Break**

3:00 PM **Engaging Partners to Catalyze Action**

Meeting the climate crisis will require engagement from actors across all scales and sectors of society. In this panel, leaders from business, industry, philanthropy, and professional societies/non-profits will discuss working together toward common climate goals, and opportunities for innovation to catalyze actions.

Moderator: **Susan Tierney**, Analysis Group

- **Dan Walker**, American Society of Civil Engineers
- **Lucas Joppa**, Haveli Investments
- **Kate Lowry**, Science Philanthropy Alliance

4:00 PM Introduction to Climate Activities at the NASEM

Amanda Staudt & other in-person Staff Leads

LECTURE ROOM & WEST COURT (END LIVESTREAM)

4:30 PM Climate Activities Showcase

Tabling for in-person participants and staff to engage with active climate activities across the National Academies

***Reception** – Refreshments and hors d'oeuvres available in Lecture Room and West Court*

7:00 PM Adjourn

END OF DAY 1

WEDNESDAY, JULY 12, 2023

8:30 AM Registration – Coffee and light breakfast available in the Great Hall

AUDITORIUM & LIVESTREAM

9:00 AM Exploring Intersections of Climate and Societal Challenges

Climate change is unfolding in the context of a complex societal landscape, disproportionately affecting different communities and groups across various social dimensions. Understanding these intersections and working with communities will be critical to determining equitable paths forward. Panelists in this session will discuss their perspectives on these key intersections and opportunities for engaging communities.

Moderator: **Michael Méndez**, University of California Irvine

- **Sacoby Wilson**, University of Maryland
- **Miriam Gay-Antaki**, University of New Mexico
- **Hussam Mahmoud**, Colorado State University

10:00 AM Instructions for Breakouts

Amanda Staudt, Climate Crossroads Director

IN-PERSON BREAKOUT SESSION (PAUSE LIVESTREAM)

10:15 AM Breakout Groups: Pathways to Action

- Accelerating Decarbonization – NAS 125
- Thriving Ecosystems in the Context of a Changing Climate – NAS 250
- Climate-Resilient Communities – LECTURE ROOM
- Climate Change, Human Health, and Equity – MEMBERS ROOM

12:00 PM ***Break** – Lunch available in the Great Hall*

AUDITORIUM & LIVESTREAM

1:00 PM **Emerging Challenges and Opportunities**

Advances in science, engineering, and medicine are bringing new opportunities to address the climate challenge. Many exciting new frontiers are emerging as advances in other fields—such as plant science, artificial intelligence, and social and behavioral sciences—are increasingly being applied to develop new ways to understand and respond to the climate challenge. Panelists in this session will discuss new development at these disciplinary crossroads and bring these advances to support climate action.

Moderator: **Evan Michelson**, Alfred P. Sloan Foundation

- **Angel Hsu**, University of North Carolina Chapel Hill & Data-Driven EnviroLab
- **Michael Vandenberg**, Vanderbilt University
- **Cathie Woteki (NAM)**, Iowa State University
- **Marcus Extavour**, TIMECO2

2:30 PM **Reflections and Next Steps for Climate Crossroads**

3:00 PM ***Adjourn public program***