

DRAFT



President's Council of Advisors on Science and Technology

**Agenda
Public Meeting
October 18-19, 2021
(All times Eastern)**

Monday, October 18, 2021, Day 1

PUBLIC SESSION—Climate Change, Energy, and the Environment

- 12:05 pm** **Welcome**
- Frances Arnold, Eric Lander, Maria Zuber, PCAST Co-Chairs**
- 12:15 pm** **Perspective from the Biden-Harris Administration**
- Gina McCarthy, National Climate Advisor, The White House**
- 12:30 pm** **Discussion**
- 12:45 pm** **The Current State of Climate Change and What Could Come Next**
- Michael Oppenheimer, Center for Policy Research on Energy and the Environment, Princeton University**
- 1:05 pm** **Discussion**
- 1:30 pm** **Activities Across the Federal Government to Combat, Mitigate, and Adapt to Climate Change**
- Jane Lubchenco, Deputy Director for Climate and Environment, The White House Office of Science and Technology Policy**
- 1:45 pm** **Discussion**
- 2:10 pm** **Break**

3:00 pm **Roadmap to Net Zero 2050: Accelerating Innovation and Deployment of Current and New Technologies**

Jesse Jenkins, Department of Mechanical and Aerospace Engineering and the Andlinger Center for Energy and Environment, Princeton University

Arun Majumdar, Department of Mechanical Engineering and Department of Materials Science and Engineering, Stanford University

3:35 pm **Discussion**

4:00 pm **Closing Comments**

Frances Arnold, Eric Lander, Maria Zuber, PCAST Co-Chairs

4:05 pm **Adjourn Day 1**

DRAFT



President's Council of Advisors on Science and Technology

**Agenda
Public Meeting
October 18-19, 2021
(All times Eastern)**

Tuesday, October 19, 2021, Day 2

PUBLIC SESSION—Climate Change, Energy, and the Environment, continued

- 12:05 pm** **Welcome**
Frances Arnold, Eric Lander, Maria Zuber, PCAST Co-Chairs
- 12:10 pm** **The Potential for Integrating Fusion into the U.S. Energy Grid**
Richard Hawryluk, Chair of the National Academies Report *Bringing Fusion to the U.S. Grid*, and Princeton Plasma Physics Laboratory
- 12:30 pm** **Discussion**
- 1:00 pm** **National Security Risks Posed by Climate Change**
Erin Sikorsky, The Center for Climate and Security and The International Military Council on Climate and Security, The Council on Strategic Risks
- 1:20 pm** **Discussion**
- 1:45 pm** **Public Comments**
- 1:55 pm** **Closing Comments**
Frances Arnold, Eric Lander, Maria Zuber, PCAST Co-Chairs
- 2:00 pm** **Adjourn Day 2**