

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

DIVISION ON ENGINEERING AND PHYSICAL SCIENCES  
SPACE STUDIES BOARD

**Committee on Earth Sciences and Applications from Space**

**Fall Meeting 2021 (Part I & II)**

**Thursday, October 28, 2021**

All times Eastern Time Zone

**CLOSED SESSION**

10:30 am. Committee Discussion

**OPEN SESSION**

12:45 p.m. Update from USGS Tim Newman, Program Coordinator,  
National Land Imaging Program

01:30 p.m. Update from NOAA Irene Parker, Acting Deputy  
Assistant Administrator Systems  
and Assistant Chief Information Officer

02:30 p.m. Break

2:45 p.m. Discussion Gavin Schmidt, Senior Climate  
Advisor, NASA

3:45 p.m. Towards an Interagency Greenhouse Gas Monitoring System

Ben Poulter, Research Scientist, NASA GSFC  
Lori Bruhwiler, Physical Scientist, NOAA Earth System Research Laboratory  
Arlyn Andrews, Chief, Carbon Cycle Greenhouse Gases Group, NOAA Earth System Research  
Laboratory

04:15 p.m. Break

04:30 p.m. Round Table Discussions on Climate Observing Systems

5:30 p.m. *Meeting Adjourns*

**Monday, November 1, 2021**

All times Eastern Time Zone

**CLOSED SESSION**

10:30 a.m. Committee Discussion

**OPEN SESSION**

11:00 a.m. Update from NASA's Earth Science Division

Karen St. Germain, ESD Director  
Sandra Cauffman, ESD Deputy Director

12:30 p.m. Break

1:15 p.m. Open Science Initiative

Chelle Gentemann, Senior Scientist, Farallon Institute  
Steve Crawford, Sr., Program Executive for Scientific Data  
and Computing, NASA

2:00 p.m. Discussion Peter Thornton, Climate Change Science  
Institute Deputy Director, and Head of the  
Earth Systems Science Section, Oak Ridge National Laboratory

2:45 p.m. Break

**CLOSED SESSION**

3:00 p.m. Committee Discussion

4:00 p.m. *Meeting Adjourns*

*Last updated: October 19, 2 p.m.*