



NASA EARTH SCIENCE DIVISION

APPLIED SCIENCES ADVISORY COMMITTEE

July 28, 2020: 12:30 pm – 4:00 pm ET

July 29, 2020: 9:00 am – 1:00 pm ET

July 30, 2020: 11:30 am – 4:00 pm ET

See last page for teleconference information

Summary Agenda

Background

The Applied Sciences Advisory Committee (ASAC) serves as a community-based, multi-sector forum to discuss Earth science applications and provide strategic and programmatic guidance to the Earth Science Division (ESD) and the Applied Sciences Program. The ASAC provides analysis, findings, advice and recommendations to inform decisions on the programmatic scope, ambition, and priorities regarding applied research, knowledge utilization, and applications.

Within ESD, the Applied Sciences Program focuses on expanding Earth science applications, building applications knowledge and capacity, and enhancing the applications value of satellite missions. There are some topics, such as data access and continuity, that are ongoing issues and cut across ESD overall.

Purpose & Objectives

The meeting serves to inform the ASAC of key issues facing ESD on applications, discuss key topics, formulate ASAC findings and recommendation, receive ASAC advice, and identify matters needing special analysis. The primary topics for this meeting include:

- Earth Science and Applied Sciences Program updates
- Consortium as a Programmatic Model
- Applications and the Research & Analysis Program
- Applications and the Earth Science Data Systems Program
- Diversity and Equity with the Earth Science Community
- Applied Sciences Program Roadmap

The primary objective is to discuss Earth science applications done in parts of ESD beyond Applied Sciences Program and to formulate findings and recommendations. A product of the meeting is a draft summary or outline of the ASAC's findings and recommendations.

Note: Information about audiovideo access to the meeting is at the end of this document; updates will appear in future versions of the document.

Summary Agenda

Day 1: July 28, 2020 • 12:30 pm – 4:00 pm ET

Set-up

Times ET

Session 1: Overview and Meeting Objectives

12:30 – 12:40

Opening of Meeting (*Sylak-Glassman*)

Introductions (*ASAC Members, Executive Secretary, Executive Recorder, Public*)

Welcome and Meeting Overview (*Friedl, Saah*)

Session 2: NASA Earth Science

12:40 – 13:35

ESD and Applied Sciences Program Updates (*Friedl*)

Status on ASAC Recommendations (*Friedl, Sylak-Glassman*)

Questions & Discussion (*Led by Saah*)

Break

13:35 – 13:45

Session 3: Consortium Approaches

13:45 – 15:45

Introduction to Topic (*Friedl, Sylak-Glassman*)

Guest Speakers

- **Inbal Becker-Reshef, NASA Harvest Consortium**

- **Dan Irwin/Ashutosh Limaye, NASA/USAID SERVIR**

- **John Battles, University of California-Berkeley**

Discussion (*Led by Saah*)

Session 4: Public Comment Period I

15:45 – 15:50

Public Comments (*Led by Sylak-Glassman*) – *extend time as needed*

Day 1 Synthesis

15:50 – 16:00

Review Day 1 Outcomes, Findings, and Recommendations (*led by Saah*)

Preview Day 2 Activities (*Saah, Friedl*)

Adjourn Day 1 of Meeting (*Sylak-Glassman*)

Summary Agenda

Day 2: July 29 • 9:00 am – 1:00 pm ET

Set-up

Times ET

Opening of Day 2

9:00 – 9:05

Opening of Day 2 (*Sylak-Glassman*)

Day 2 Overview (*Saah*)

Session 5: ESD Research & Analysis Program

9:05 – 10:20

R&A and Applications (*Kaye*)

Discussion (*Led by Saah*)

Break

10:20 – 10:30

Session 6: ESD Earth Science Data Systems Program

10:30 – 11:45

ESDS and Applications (*Murphy*)

Discussion (*Led by Saah*)

Session 7: Earth Science – Diversity and Social Equity

11:45 – 12:50

Introduction to Topic (*Friedl*)

Discussion (*Led by Saah*)

Day 2 Synthesis

12:50 – 13:00

Review Day 2 Outcomes, Findings, and Recommendations (*led by Saah*)

Preview Day 3 Activities (*Saah, Friedl*)

Adjourn Day 2 of Meeting (*Sylak-Glassman*)

Summary Agenda

Day 3: July 30 • 11:30 am – 4:00 pm ET

<i>Set-up</i>	<i>Times ET</i>
<u>Opening of Day 3</u>	11:30 – 11:35
Opening of Day 3 (<i>Sylak-Glassman</i>)	
Day 3 Overview (<i>Saah</i>)	
<u>Session 8: Applied Sciences Program Roadmap</u>	11:35 – 1:15
Introduction to Topic (<i>Friedl/Sylak-Glassman</i>)	
Discussion (<i>Led by Saah</i>)	
<u>Session 9: Public Comment Period II</u>	13:15 – 13:20
Public Comments (<i>Led by Sylak-Glassman</i>) – extend time as needed	
<i>Break</i>	<i>13:20 – 13:30</i>
<u>Session 10: Discussion with ESD Leadership</u>	13:30 – 15:15
Preparation for ESD Leadership Discussion (<i>30 min; led by Saah</i>)	
Discussion with ESD Leadership (<i>60 min; led by Saah</i>)	
Follow-up Discussion (<i>15min; led by Saah</i>)	
<i>Break</i>	<i>15:15 – 15:25</i>
<u>Session 11: Meeting Synthesis</u>	15:25 – 16:00
Meeting Outcomes, Findings, and Recommendations (<i>led by Saah</i>)	
Committee Report Development (<i>Led by Saah</i>)	
Future Meetings (<i>Led by Saah</i>)	
Meeting Wrap-up (<i>Saah, Friedl, Sylak-Glassman</i>)	
<i>Adjourn Meeting</i> (<i>Sylak-Glassman</i>)	16:00

Summary Agenda

Meeting Location and Call-in/Webex Information

Meeting Location: NASA Headquarters, 300 E Street SW., Washington, DC, 20546.
However, due to Covid-19 situation, the meeting will occur only virtually.

Attendance at this meeting is available telephonically and via TBD Virtual Meeting Tool. You must use a touch-tone phone to participate in this meeting. Any interested person may dial the USA toll free conference call number 1-888-677-3055 to participate in this meeting by telephone. The passcode is 6537636# for each day.

The Virtual link is <https://nasa.webex.com>.

July 28: Meeting number is 199 771 4350 and the password is nAJpDq8g?33 (case sensitive)

July 29: Meeting number is 199 997 7136 and the password is F23u2hywM5* (case sensitive)

July 30: Meeting number is 199 251 8740 and the password is eZpJ6Wg3A\$5 (case sensitive)

Federal Register Notice:

<https://www.federalregister.gov/documents/2020/07/01/2020-14180/applied-sciences-advisory-committee-meeting>