

COMMITTEE ON EARTH SCIENCE AND APPLICATIONS FROM SPACE (CESAS)

September 17-19, 2014

NAS Building, 2101 Constitution Ave NW, Washington, DC

WEDNESDAY, SEPTEMBER 17th BOARD ROOM

OPEN SESSION

(WebEx and telecon instructions available on p. 3 of agenda)

10:00	NOAA NESDIS: Update on Programs and Plans	Thomas Burns, NOAA Deputy Assistant Administrator for Systems
10:45	<i>Break</i>	
11:00	NASA Earth Science Division: Update on Program and Plans	Jack Kaye, NASA ESD
12:00 pm	<i>Working Lunch – discussion continues</i>	
01:00	Discussion with Rick Spinrad, NOAA Chief Scientist	
02:00	NASA's Applied Sciences Program	Lawrence Friedl, Director NASA Applied Sciences Program
02:45	<i>Break</i>	
03:00	The National Plan for Civil Earth Observations <i>(note: due to a schedule conflict, the previously scheduled talk on National Climate Assessment has been canceled, but Peter and Tim may touch on this in their presentation)</i>	Peter Colohan and Tim Stryker, OSTP
03:45	Roundtable Discussions with Committee and Guests: Organization and Terms of Reference for "ESAS 2017," the Next NRC Decadal Survey in Earth Science and Applications from Space	
05:30	<i>Adjourn for the Day</i>	
06:15	Working Dinner for Committee and Invited Guests, Primi Piatti 2013 I St NW, Washington, DC 20006	

**THURSDAY, SEPTEMBER 18th
BOARD ROOM**

OPEN SESSIONS

**The Potential Role of Small Satellites, CubeSats, Constellations, and Hosted Payloads in Designing the Future
Earth Observing System Architecture**

(WebEx and telecon instructions available on p. 3 of agenda)

- 10:45 Discussion with Bryant Cramer, former Associate Director of the USGS and former NASA ESD Deputy Director
- 11:30 Discussion with Walter Scott, Digital Globe and Committee (via WebEx)
- 12:15 *Working Lunch – discussion continues*
- 01:15 Earth Science with Hosted Payloads and Small Sat Constellations Lars Dyrud
Draper Laboratory
- 02:00 Discussion with Bill Swartz, PI RAVAN, Johns Hopkins Applied Physics Laboratory
- 02:45 *Break*
- 03:00 Perspectives on SmallSats and CubeSats Tom Sparn and Peter Pilewskie
University of Colorado/Laboratory for
Atmospheric & Space Physics (LASP)
- 04:00 Discussion with John Scherrer, Project Manager for CYGNSS, Southwest Research Institute
- 04:45 Roundtable Discussions: Committee and Guests
- 05:30 *Adjourn for the Day*

**FRIDAY, SEPTEMBER 19th
BOARD ROOM**

(COMMITTEE WILL BE IN CLOSED SESSION ALL DAY)

NOTES

WebEx & Telecon Instructions:

Wednesday Closed (9-10):

<http://tinyurl.com/CESASWedClosed> Password: CESAS2014 Telecon Conference Code: 797 795 6056

Wednesday Open (10-5:30):

<http://tinyurl.com/CESASWednesdayOpen> (no password) Telecon Conference Code: 261 122 5317

Thursday Closed (9-10:45):

<http://tinyurl.com/CESASThuClosed> Password: CESAS2014 Telecon Conference Code: 797 795 6056

Thursday Open (10:45-5:30):

<http://tinyurl.com/CESASThursdayOpen> (no password) Telecon Conference Code: 261 122 5317

Friday Closed (9-12):

<http://tinyurl.com/CESASFriClosed> Password: CESAS2014 Telecon Conference Code: 797 795 6056

Telecon only: Toll-free number 1-866-668-0721 (all days; see conference codes above)

1. Enter name, email address (you will not be spammed), and password (if required) and click “Join Meeting”
2. Let WebEx load (may take a minute); once loaded, WebEx will immediately and automatically provide you a pop-up window to enter the phone number you would like to be called at (i.e. home, office, mobile) to join the telecon. Enter your phone number and click “Call me” and follow the prompts.
3. If you are unable to call via phone, you can also select the computer audio option directly below the call-back option

Committee Website: http://sites.nationalacademies.org/SSB/SSB_066587

The following information is provided for any members of the general public who may be in attendance:

This meeting is being held to gather information to help the committee in its charge. This committee will examine the information and material obtained during this, and other public meetings. Although opinions may be stated and lively discussion may ensue, no conclusions are being drawn nor will recommendations be made. Observers who draw conclusions about the committee’s work based on this meeting’s discussions will be doing so prematurely.

Furthermore, individual committee members often engage in discussion and questioning for the specific purpose of probing an issue and sharpening an argument. The comments of any given committee member may not necessarily reflect the position he or she may actually hold on the subject under discussion, to say nothing of that person’s future position as it may evolve in the course of the project. Any inference about an individual’s position are therefore also premature.