

**NRC SPACE SCIENCE WEEK  
SPRING 2014 MEETING OF THE STANDING COMMITTEES OF THE SPACE STUDIES BOARD**

**COMMITTEE ON EARTH SCIENCE AND APPLICATIONS FROM SPACE (CESAS)**

*(subject to change)*

March 3-5, 2014

NAS Building – 2101 Constitution Ave NW, Washington D.C

**MONDAY, MARCH 3<sup>rd</sup>, 2014**

**CESAS Morning Parallel Breakout Session – Board Room**

**OPEN SESSION**

**WebEx (and telecon via WebEx—further instructions available on p. 3 of agenda):**

<https://nationalacademies.webex.com/nationalacademies/j.php?ED=241533132&UID=0&RT=MIMxMQ%3D%3D>

10:30 AM	NOAA NESDIS Status Update	Marvin LeBlanc, <i>Director</i> , Systems Engineering, NESDIS
11:00 AM	USGS & Landsat Status Update	Sarah Ryker, <i>Dep. Assoc. Director</i> , Climate & Land-Use Change, USGS
11:30 AM	General Discussion	
12:00 PM	<i>Lunch in Meeting Room</i> <i>Breakout Parallel Meetings Adjourn for Plenary Session</i>	

**PLENARY SESSION – Main Auditorium**

**WebEx (and telecon via WebEx—further instructions available on p. 3 of agenda):**

<https://nationalacademies.webex.com/nationalacademies/j.php?ED=243260452&UID=0&RT=MIMxMQ%3D%3D>

1:00 PM	Welcome	<i>Michael Moloney, SSB Director</i>
1:05 PM	Opening Remarks	<i>Charlie Kennel, SSB Chair / Debra Elmegreen, BPA Vice Chair</i>
1:15 PM	Keynote Presentation: Current State of Play at SMD	<i>John Grunsfeld, AA for Science, NASA</i>
2:15 PM	Views from Congress	Tom Hammond & Pamela Whitney, House SS&T Cmte
3:00 PM	Break	
3:20 PM	Focus Session on International Planning in Space Science Moderator: Charlie Kennel, SSB Chair	
3:20 PM	Introductory Remarks by Moderator	
3:25 PM	International Cooperation at NASA-SMD	John Grunsfeld, NASA
3:40 PM	Program and Planning at ESA-Space Science	Alvaro Giménez, ESA
4:10 PM	Program and Planning at CAS-NSSC	Wu Ji, CAS
4:40 PM	Program and Planning at JAXA-Space Science	Saku Tsuneta, JAXA
5:10 PM	Discussion of future opportunities and planning challenges	
6:00 PM	<i>Adjourn</i>	

**TUESDAY, MARCH 4<sup>th</sup>, 2014**  
**CESAS-only Meeting – Board Room**

**WebEx (and telecon via WebEx—further instructions available on p. 3 of agenda):**

<https://nationalacademies.webex.com/nationalacademies/j.php?ED=241533277&UID=0&RT=MIMxMQ%3D%3D>

**Organizing ESAS 2017, the Second NRC Decadal Survey in Earth Science & Applications from Space**

- 8:00 AM Room Opens  
*Breakfast Available in Meeting Room*
- 9:00 AM Opening Remarks Charles Kennel, SSB Chair and Mark Abbott, CESAS Chair
- 9:30 AM NASA ESD Perspective Michael Freilich, *Director*, NASA Earth Science Division
- 10:15 AM Lessons Learned from the 2007 Survey Rick Anthes, President Emeritus, UCAR
- 10:45 AM *Break*
- 11:00 AM Perspectives from the Executive Office of the President  
Grace Hu, Office of Management and Budget and  
Peter Colohan, Office of Science and Technology Policy (*invited*)
- 11:20 AM International Partner Perspective: European Earth Science Planning Process  
Maurice Borgeaud, European Space Agency and  
Ian Brown, Member, European Space Sciences Committee
- 12:00 PM *Lunch Available in Meeting Room*
- 1:00 PM 2013 Solar and Space Physics (SSP) Decadal Survey Lessons Learned  
Dan Baker, *Chair*, 2013 SSP Decadal Survey  
Thomas Zurbuchen, *Vice Chair*, 2013 SSP Decadal Survey
- 1:45 PM NOAA and USGS Perspectives  
Marvin LeBlanc, *Director*, Systems Engineering, NESDIS  
Sarah Ryker, *Dep. Assoc. Director*, Climate & Land-Use Change, USGS
- 2:30 PM Towards a Statement of Task for the Next Decadal Survey  
Issues/Topics may include:
- Survey objectives and scope;
  - How to better tailor the next survey to the different needs and missions of relevant stakeholder agencies (NASA, NOAA, and USGS);
  - Status of the previous decadal survey recommendations and role in the next survey;
  - Striking the right balance between prioritizing “science” and prioritizing missions;
  - Role and scope of the cost and technical evaluation (CATE) process in the next decadal survey;
  - Incorporating the work of the NRC “Continuity” study;
  - Coordinating with international partners;
  - Developing meaningful and actionable decision rules;
  - How to engage the community while managing expectations.
- 3:30 PM *Break*
- 4:00 PM Resume “Towards a Statement of Task for the Next Decadal Survey”
- 5:30 PM *Adjourn*  
*Dinner Available in Meeting Room*
- 6:30 PM **Public Lecture:**  
[Sara Seager, MIT – Exoplanets and the Real Search for Alien Life – NAS Main Auditorium](#)  
[Click here](#) to watch the lecture live.

**WEDNESDAY, MARCH 5<sup>th</sup>, 2014**  
**CESAS-only Meeting – Board Room**

**WebEx (and telecon via WebEx—further instructions available on p. 3 of agenda):**

<https://nationalacademies.webex.com/nationalacademies/j.php?ED=241534442&UID=0&RT=MiMxMQ%3D%3D>

- 8:00 AM Room Opens  
*Breakfast Available in Meeting Room*
- 8:30 AM Discussion: Potential Survey Committee and Panel Structure  
(For reference, the 2007 ESAS decadal survey had the following panels:
- Panel on Earth Science Applications and Societal Benefits
  - Panel on Land-use Change, Ecosystem Dynamics, and Biodiversity
  - Panel on Weather (including space weather and chemical weather)
  - Panel on Climate Variability and Change
  - Panel on Water Resources and the Global Hydrologic Cycle
  - Panel on Human Health and Security
  - Panel on Solid-Earth Hazards, Natural Resources, and Dynamics)
- 9:30 AM Discussion: 2017 Decadal Survey Advance Planning and Community Outreach  
Topics may include: long-lead time items for the next survey (e.g., technology/mission/science objective white papers); town halls, and other outreach events.
- 10:30 AM *Break*

**COMMITTEE ENTERS CLOSED SESSION**

12:00 PM *Space Science Week Adjourns*

**WEBEX & TELECON INSTRUCTIONS:**

Click on the URL provided for a given day or session to access the WebEx meeting. Once WebEx loads, a window will automatically pop up asking you to enter the phone number (i.e. home, cell, office) that you would like to be called at by the teleconference service to join the call (if it does not pop-up, click on the “Audio Conference” button in the WebEx screen or in the drop-down tab if a presentation is being shared). Enter your number and click “Call me,” and then follow the prompts. *This number is not stored by WebEx or anyone else.* If you are unable to call via phone, you can also select the computer audio option directly below the call-back option.

If you experience technical difficulty, please contact Lewis Groswald at [lgroswald@nas.edu](mailto:lgroswald@nas.edu).

**NOTES**

**NAS Building:** Is located at 2101 Constitution Ave., NW, between the State Department and the Vietnam Veterans Memorial. Additional information about the NAS Building is available at <http://www.nationalacademies.org/about/contact/nax.html>. The closest Metro station is Foggy Bottom (Blue and Orange lines; exit and turn right onto 23<sup>rd</sup> St. NW, then turn left once you have passed the State Department)—see [http://www.nationalacademies.org/about/contact/na\\_069684.html](http://www.nationalacademies.org/about/contact/na_069684.html).

**Parking:** Very limited parking is available at the NAS onsite. The 22 available sites are first come first served. The nearest Metro station is Foggy Bottom on the Orange/Blue lines. Other available parking options are as follows:

- PMI (Columbia Plaza) – Is located at 2400 Virginia Avenue NW. Phone (202) 785-2448. The daily rate is \$24. They also have a location at 111 19<sup>th</sup> Street NW, phone is (202) 466-7557.
- Colonial Parking – 2100 Pennsylvania Avenue NW. Phone (202) 295-8100. The daily rate is \$16.00. Their location on 20<sup>th</sup> Street is no longer operating.
- GW Elliot School Garage is located near the Department of Interior at 1957 E Street NW. The daily rate is \$26.00.

**Registration:** Is located in the Great Hall on Monday, March 3<sup>rd</sup> and in Room 120 on March 4<sup>th</sup> and 5<sup>th</sup>.

**WebEx & Telecon Instructions:**

1. Enter name and email address (you will not be spammed) 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.

**Committee Website:** [http://sites.nationalacademies.org/SSB/SSB\\_066587](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, in an effort to inform its work. 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.

**RECORDING IN PROGRESS**

This meeting will be recorded by the NRC. Please be aware that by entering this area, you consent to your voice being recorded for use by the NRC for the purpose of note-taking. This recording will not be publicly released, shared outside of the NRC, or used for other public purposes. If you do not wish to be subject to being recorded, please do not enter this area.