

CESAS Activities: Summer, Fall 2015

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Decadal survey

- Executive committee in process of being appointed
- Town Halls planned for AGU, AMS and Ocean Sciences meetings
- Science white papers due 11/2:
 - *What are the key challenges or questions for Earth System Science across the spectrum of basic research, applied research, applications, and/or operations in the coming decade?*
 - *Why are these challenge/questions timely to address now especially with respect to readiness?*
 - *Why are space-based observations fundamental to addressing these challenges/questions?*

Framework for Analyzing the Needs for Continuity

- Final version completed October 29

Phone call meetings

- August 28
- September 24 (Mike Freilich, NASA)
- September 25 (Tim Newman, USGS; Ajay Mehta, NOAA NESDIS)

NASA Discussion

- Mainly looking to D.S. to address primary NASA needs
- Budget request: \$1.95B;
- Top priority missions: SMAP(2015, radar failure degraded resolution to 35 km), SAGE-III (2016), ICESat-2 (2018), GRACE-FO (2018), SWOT (10/2020), CYGNSS (2017), TEMPO (NET 2018), RBI, OMPS-Limb
- Develop: ECOSTRESS, GEDI, NISAR, SLI, PACE, TSIS 1/2

Venture class launch services

- 3 contracts for Cubesat launch services awarded

USGS

- Landsat 9 planned for 2023; wanted TIR free-flier launch for 2019 to reduce data gap risk;
- Congress supported a faster timeline for Landsat 9: 2021

NOAA

- Launches:
 - Jason-3 (date TBD: SpaceX Falcon 9 mishap);
 - GOES-R (fall 2016);
 - COSMIC-2 (Q3 2016 pending SpaceX review);
 - JPSS-1 (Q2 2017)

Commercial discussions

- NOAA commercial space policy public comment period ended Oct 1
- NESDIS Commercial Space Activities Assessment
 - Will be released for public comment following NOAA Policy comment period

CESAS meeting Dec. 2-3

- 1 NOAA's commercial data buy policy for use in numerical weather prediction models
- 2 NASA reaction to continuity report/implications
- 3 Issues surrounding the planning of NOAA post JPSS era which overlaps DS 2030 time frame
- 4 Other: (Survey of survey's; discussion of 2nd OSTP Earth Observation Assessment)