

**NOTE: All times are
Central Daylight Time**

Satellite Science Week 2014 Final Agenda

	Time	Duration	Topic/Title	Presenter
Monday, March 10, 2014				
	1:00 PM	0:20	Welcome and logistics, Science Week Introduction - June mtg	Lon Goldstein/Wendy Abshire/Steve Goodman
	1:20 PM	0:15	GOES-R status	Greg Mandt and Steve Goodman
	1:35 PM	0:15	JPSS status	Mitch Goldberg/Ajay Mehta
	1:50 PM	0:20 Break		
	2:10 PM	0:30	GOES-R and JPSS Risk Reduction status	Dan Lindsey, Andy Heidinger, Ingrid Guch
	2:40 PM	0:30	GOES-R Cal/Val	Bob Iacovazzi
	3:40 PM	0:25	Algorithm Status update	Jaime Daniels
	4:05 PM	0:15	Final Discussion	
	4:20 PM		END OF DAY 1	
Tuesday, March 11, 2014				
	8:00am - 10:00am		On-site side meetings for NOAT/IAC/SDEB (Closed groups) Virtual participation begins at 10am.	
5am HI, 7am AK, 8am PT, 9am MT, 10am CT, 11am ET	10:00 AM		Numerical Weather Prediction/Data Assimilation	
	10:00 AM	0:05	Intro	Dick Reynolds
	10:05 AM	0:20	Data Assimilation and the use of Satellite Observations in the NOAA/NCEP GFS Global Model	Andrew Collard
	10:25 AM	0:10	Q&A	
	10:35 AM	0:20	NCEP Operational HWRF: Progress and Challenges in Satellite Data Assimilation for Regional Hurricane Modeling	Vijay Tallapragada
	10:55 AM	0:10	Q&A	
	11:05 AM	0:20 Break		
	11:25 AM	0:15	Hybrid variational-ensemble assimilation of lightning observations in a regional model	Karina Apodaca
	11:40 AM	0:05	Q&A	
	11:45 AM	0:15	Satellite Sounder Data Assimilation for Improving Alaska Region Weather Forecast	Jiang Zhu
	12:00 PM	0:05	Q&A	
	12:05 PM	0:15	Use of GOES-R Data to Improve Convective Initiation and 0-6 hour Storm Forecasting	John Mecikalski
	12:20 PM	0:05	Q&A	
	12:25 PM	0:20	Open Discussion	
	12:45 PM	1:00 Lunch		
8:45am HI, 10:45am AK, 11:45am PT, 12:45pm MT, 1:45pm CT, 2:45pm ET	1:45 PM		Exploitation of Satellites for Data Sparse Regions	
	1:45 PM	0:05	Intro	Dick Reynolds
	1:50 PM	0:20	Road from Perdition: The Day/Night Band as a Silver Lining of NPOESS	Steve Miller (CIRA)
	2:10 PM	0:10	Q&A	
	2:20 PM	0:20	Are the oceans data sparse? How forecasters are using GOES-R and JPSS proxy products to forecast maritime weather.	Joe Sienkiewicz (OPC)
	2:40 PM	0:10	Q&A	
	2:50 PM	0:20 Break		

	3:10 PM	0:15 Development, Demonstration, and Evaluation of Flood Product due to Snow/Ice Melting from Suomi-NPP/VIIRS Data	Donglian Sun
	3:25 PM	0:05 Q&A	
	3:30 PM	0:15 Exploring issues of parallax correction:Use of GOES data at high latitudes	Robert Rabin
	3:45 PM	0:05 Q&A	
	3:50 PM	0:15 Generation and Use of Real-time AIRS, CrIS and IASI Retrievals in new Products to Serve the Needs of Alaska Region Forecasters	Ralph Petersen
	4:05 PM	0:05 Q&A	
	4:10 PM	0:20 Open Discussion/Risk Reduction Updates	
11:30am HI, 1:30pm AK, 2:30pm PT, 3:30pm MT, 4:30pm CT, 5:30pm ET	4:30 PM	0:45 Side meetings	
	5:15 PM	END OF DAY 2	

Wednesday, March 12, 2013

8:00am - 10:00am

On-site side meetings for NOAT/IAC/SDEB (Closed groups)
Virtual participation begins at 10am.

5am HI, 7am AK, 8am PT, 9am MT, 10am CT, 11am ET

10:00 AM Hydrology & Precipitation/QPE

	10:00 AM	0:05 Intro	Dick Reynolds
	10:05 AM	0:20 Operational and Evolving Hydrologic Applications of Satellite Observations	Rob Hartmann (NWS/OHD)
	10:25 AM	0:10 Q&A	
	10:35 AM	0:20 An update on the NESDIS current and near-term operational satellite products related to hydrology	Limin Zhao (NESDIS/OSPO)
	10:55 AM	0:10 Q&A	
	11:05 AM	0:20 Break	
	11:25 AM	0:15 Development of a high-resolution multisensor rainfall product for flash flood detection in radar sparse regions of the U.S.	Heather Grams
	11:40 AM	0:05 Q&A	
	11:45 AM	0:15 Toward the Use of Remotely Sensed Soil Moisture in NWS Hydrologic Modeling	Brian Cosgrove
	12:00 PM	0:05 Q&A	
	12:05 PM	0:15 Recent Progress on Remote Sensing Hydrology in Alaska	Jessie Cherry
	12:20 PM	0:05 Q&A	
	12:25 PM	0:20 Open Discussion/Risk Reduction Updates	

8:45am HI, 10:45am AK, 11:45am PT, 12:45pm MT, 1:45pm CT, 2:45pm ET

1:45 PM High Impact Weather

	1:45 PM	0:05 Intro	Dick Reynolds
	1:50 PM	0:20 Warn-on-Forecast: Merging Radar and Satellite Observations	Dave Stensrud
	2:10 PM	0:10 Q&A	
	2:20 PM	0:20 FACETs: The SEED is Germinating	Lans Rothfus
	2:40 PM	0:10 Q&A	
	2:50 PM	0:20 Break	
	3:10 PM	0:15 GOES-R and JPSS Products and High-Impact Tropical Weather	Mark DeMaria

	3:25 PM	0:05 Q&A	
	3:30 PM	0:15 Using the Pseudo-GLM in Warning and Impact-based Decision Support in Preparation for GOES-R	Geoffrey Stano
	3:45 PM	0:05 Q&A	
	3:50 PM	0:15 Integrated observations for probabilistic severe storm prediction	Mike Pavolonis
	4:05 PM	0:05 Q&A	
	4:10 PM	0:20 Open Discussion/Risk Reduction Updates	
11:30am HI, 1:30pm AK, 2:30pm PT, 3:30pm MT, 4:30pm CT, 5:30pm ET	4:30 PM	0:45 Side meetings	
	5:15 PM	END OF DAY 3	
Thursday, March 13, 2013 8:00am - 10:00am		On-site side meetings for NOAT/IAC/SDEB (Closed groups) Virtual participation begins at 10am.	
5am HI, 7am AK, 8am PT, 9am MT, 10am CT, 11am ET	10:00 AM	Terrestrial and Ocean Surface Science	
	10:00 AM	0:05 Intro	Dick Reynolds
	10:05 AM	0:20 Remotely-sensed land data sets for land-hydrology in weather and climate models	Michael Ek/ Weizhong Zheng/ Helin Wei (NCEP)
	10:25 AM	0:10 Q&A	
	10:35 AM	0:20 VIIRS Ocean Color Products	Menghua Wang (NOAA/STAR)
	10:55 AM	0:10 Q&A	
	11:05 AM	0:20 Break	
	11:25 AM	0:15 Real-Time Green Vegetation Fraction for Land Surface and Numerical Weather Prediction Models	Jonathan Case / Bradley Zavodsky
	11:40 AM	0:05 Q&A	
	11:45 AM	0:15 Assimilation of GOES SST in a coastal ocean forecast model off Oregon	Alexander Kurapov
	12:00 PM	0:05 Q&A	
	12:05 PM	0:15 GOES-R ABI Fire Detection and Characterization Product	Chris Schmidt
	12:20 PM	0:05 Q&A	
	12:25 PM	0:20 Open Discussion/Risk Reduction Updates	
	12:45 PM	1:00 Lunch	
8:45am HI, 10:45am AK, 11:45am PT, 12:45pm MT, 1:45pm CT, 2:45pm ET	1:45 PM	Atmospheric Structure and Composition	
	1:45 PM	0:05 Intro	Dick Reynolds
	1:50 PM	0:20 Implementation of the NOAA Unique CrIS/ATMS processing System (NUCAPS) within the Community Satellite Processing Package (CSPP)	Chris Barnet
	2:10 PM	0:10 Q&A	
	2:20 PM	0:20 Advances in Real-time Assimilation of Satellite Trace Gas and Aerosol Retrievals for Air Quality Forecasting	Brad Pierce
	2:40 PM	0:10 Q&A	
	2:50 PM	0:20 Break	
	3:10 PM	0:15 Algorithm to Detect Dust and Smoke in Suomi-NPP VIIRS Imagery	Shobha Kondragunta
	3:25 PM	0:05 Q&A	
	3:30 PM	0:15 Ozone and beyond: Products from S-NPP OMPS	Lawrence Flynn
	3:45 PM	0:05 Q&A	
	3:50 PM	0:15 Imager Scan Scenarios: What is and What May Be	Tim Schmit
	4:05 PM	0:05 Q&A	
	4:10 PM	0:20 Open Discussion/Risk Reduction Updates	
11:30am HI, 1:30pm AK, 2:30pm PT, 3:30pm MT, 4:30pm CT, 5:30pm ET	4:30 PM	0:45 Side meetings	
	5:15 PM	END OF DAY 4	
Friday, March 14, 2013			

8:00am - 10:00am

On-site side meetings for NOAT/IAC/SDEB (Closed groups)
Virtual participation begins at 10am.

10:00:00 **Outbriefs and Final Discussion (Open to all)**

10:00 AM 0:30 NOAT Outbrief

10:30 AM 0:30 IAC Outbrief

11:00 AM 0:30 Summary/Closing

11:30 AM **END OF MEETING**