

AMS Short Course: Using JPSS Data Products to Observe and Forecast Major Environmental Events

Austin, TX

Saturday, January 6, 2018

8:30 – 8:40 Welcome and introduction of speakers; Christie Best, Noblis/NJO, Lanham, MD

8:40 – 9:15 Overview of JPSS program; Mitch Goldberg, NESDIS/NJO, Lanham, MD

9:15 – 9:45 Introduction to JPSS data and products and their scientific maturity (Suomi-NPP and JPSS-1), Lihang Zhou and Fuzhong Weng, NESDIS/STAR, College Park, MD

9:45 – 10:15 Hands-On Activity: How to access JPSS data and products (CLASS, Direct Broadcast, and GEONETCast); Jorel Torres, CIRA, Colorado State University, Fort Collins, CO and Kathleen Strabala, CIMSS, University of Wisconsin, Madison, WI

10:15 – 10:45 Refreshment break

10:45 – 11:00 Use of JPSS to support NOAA operational mission; Dan Nietfeld, NOAA/OAR, Boulder, CO

11:00 – 12:00 Hands-On Activity: JPSS support to cryosphere mission; Jeff Key, NESDIS/STAR, University of Wisconsin, Madison, WI

12:00 – 1:30 Lunch break (lunch provided) – luncheon talks on JPSS product evaluations conducted at the NOAA HWT, GINA, and NHC; Michael Bowlan, NWS/SPC, Norman OK; Eric Stevens, GINA, Fairbanks, AK; Michael Folmer, NWS/OPC, College Park, MD

1:30 – 2:30 Hands-on Activity: Case study assessing severe weather with NUCAPS sounding Products; Chris Barnet, STC, Columbia, MD

2:30 – 3:00 Refreshment break

3:00 – 4:00 Hands-On Activity: Case study on monitoring natural disasters; Michael Pavolonis, NESDIS/STAR, University of Wisconsin

4:00 – 4:20 Training resources available for JPSS data products; Jorel Torres, CIRA, Colorado State University, Fort Collins, CO

4:20 - 4:30 JPSS-SPARKS Training Program: 2018 Plans and Student Intern Opportunities; Murty Divakarla, I.M. Systems Group, Inc., Rockville, MD

4:30 – 5:00 Course summary, Q&A session, post course assessment; Christie Best, Noblis/NJO, Lanham, MD, Mitch Goldberg, NESDIS/NJO, Lanham, MD

AMS Short Course
GOES-R Series: Products and User Applications
Austin, TX

Sunday, January 7, 2018

8:30 A.M.	INTRODUCTIONS & OVERVIEW
9:00 A.M.	ADVANCED BASELINE IMAGER (ABI) BACKGROUND AND GUIDED EXERCISES
10:15 A.M.	COFFEE BREAK
10:45 A.M.	GEOSTATIONARY LIGHTNING MAPPER (GLM) BACKGROUND AND GUIDED EXERCISES
11:30 A.M.	SPACE WEATHER APPLICATION AND GUIDED EXERCISES
12:00 P.M.	SHORT COURSE LUNCHEON (included)
1:00 P.M.	DERIVED PRODUCTS & APPLICATIONS CASE STUDY #1 (TROPICAL)
1:45 P.M.	DERIVED PRODUCTS & APPLICATIONS CASE STUDY #2 (MESOSCALE SYSTEM)
2:30 P.M.	DERIVED PRODUCTS & APPLICATIONS CASE STUDY #3 (FIRE)
3:15 P.M.	Q&A/OPEN DISCUSSION
3:45 P.M.	COURSE END