

**AMS Short Course: Applying JPSS Data Products to Better
Forecast Challenging Weather Events
Phoenix, AZ**

Sunday, January 6, 2019

- 8:00 – 8:10 Welcome, safety and logistics information, and introduction of speakers, Liz Nolan, contractor for JPSS program, Lanham, MD
- 8:10 – 8:30 Overview of JPSS program; Mitch Goldberg, NESDIS/NJO, Lanham, MD
- 8:30 – 8:50 Introduction to JPSS data and products and their scientific maturity (Suomi-NPP and NOAA 20); Lihang Zhou, NESDIS/STAR, College Park, MD
- 8:50 – 9:20 2018 top weather events as seen by JPSS; Dan Nietfeld, OAR/ESRL, Boulder, CO and William Straka, CIMSS, Madison, WI
- 9:20 – 9:40 Refreshment break
- 9:40 – 10:40 Hands-on Activity 1: JPSS and tropical cyclones; Joshua Cossuth, NRL, Washington, DC
- 10:40 – 11:40 Hands-On Activity 2: Operating in the Dark: The VIIRS Day/Night Band Making a Difference; Curtis Seaman, CIRA, Fort Collins, CO
- 11:40 – 12:40 Lunch (to be provided) – three 15-minute talks:
- 11:50 - 12:05 Arctic initiative demonstrations, Arron Layns, NESDIS/NJO Lanham, MD and Bonnie Reed, STC, Lanham, MD
- 12:05 – 12:20 Observation of the Kilauea Volcano, Michael Pavolonis, NESDIS/STAR, Madison, WI
- 12:20 – 12:35 Evaluation of the JPSS data products during the spring experiment, Michael Bowlan, NWS/SPC, Norman, OK
- 12:40 – 1:40 Hands-On Activity 3: JPSS Products for the aviation community; Jeffrey Weinrich, JPSS Program Office/GST, Lanham, MD
- 1:40 – 2:40 Hands-On Activity 4: Wildfire smoke in metropolitan areas: forecasting ambient air quality to protect public health; Amy Huff, Penn State University, State College, PA

2:40 – 3:00 Refreshment break

3:00 – 3:20 NWS training resources available for JPSS data products; Jorel Torres, CIRA, Fort Collins, CO

3:20 – 3:30 Course summary, Q&A session, post course assessment and announcements

4:00 – 5:00 Presidential Forum: Building Resilience to Extreme Political Weather: Advice for Unpredictable Times