

AMS Short Course: GOES-R and JPSS Preview for Users

Updated 01/07/2015

January 10 (Sunday): Ernest N. Morial Convention Center, Room #355 (3rd floor) New Orleans, LA
Co-Chairs: Steve Goodman, Jim Gurka, Tim Schmit

- 8:30 am Pre-course assessment (Patrick Dills)
- 9:00 am Introductions (Jim Gurka)
- 9:10 am NOAA NESDIS and GOES-R overviews (Steven Goodman: GOES-R Program Scientist)
- 9:20 am The GOES-R Advanced Baseline Imager (ABI) overview using Advanced Himawari Imager (AHI) as proxy...capabilities, products and concept of operations (Tim Schmit)
- 10:00 am Hands-on exercise showcasing ABI's 16 channels with improved spatial resolution and temporal refresh rate (plus Weighting Functions and RGB ABI examples) (Mat Gunshor, Chris Schmidt, Tim Schmit, Jordan Gerth, Scott Lindstrom)
- 10:40 am BREAK
- 11:10 am Geostationary Lightning Mapper (GLM) capabilities and forecast applications (Steve Goodman)
- 11:45 am Hands-on exercise: case studies using GLM for severe thunderstorm warnings (Steve Goodman, Jason Burks, Michael Folmer)
- 12:00 pm Lunch speaker (Marshall Shepherd)
- 1:15 pm Introduction to GOES-R derived products (Chad Gravelle)
- 1:45 pm Hands-on exercise: case studies demonstrating GOES-R derived products (Chad Gravelle, Chris Schmidt)
- 2:30 pm BREAK
- 3:00 pm JPSS satellite introduction (Mitch Goldberg)
- 3:20 pm NUCAPS algorithm description and hands-on exercise (Dan Nietfeld)
- 4:00 pm VIIRS Day/Night Band capabilities COMET module (Steve Miller)
- 4:30 pm Discussion and Q&A session
- 5:00 pm Post-course satellite knowledge assessment/AMS post-course assessment
- 5:30 pm Announcements, certificate ceremony and end of short course