**JPSS/GOES-R PROVING GROUND SEMINAR**

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| TITLE | Why the OCONUS is ready for the new generation of environmental satellite |
| SPEAKER | Jordan J. Gerth Cooperative Institute for Meteorological Satellite Studies, University of Wisconsin, Madison, WI |
| DATE & TIME | Monday, June 29, 2015  12:00 pm, Eastern Daylight Time (New York, GMT-04:00) |
| LOCATION | Aerospace Building  8th Floor Conference Room  10210 Greenbelt Rd  Lanham, MD 20706 and Via Webinar (See below) |
| ABSTRACT | With Himawari-8 transitioning to the operational Japan Meteorological Agency (JMA) geostationary satellite by the end of this year, activities are underway to prepare meteorologists at field offices in the National Weather Service Pacific Region (NWSPR) for the improved spatial, spectral, and temporal resolution of the imager, ahead of the Advanced Baseline Imager (ABI) on the Geostationary Operational Environmental Satellite R-Series (GOES-R).  But this is not the only activity that has been underway to increase the use of NOAA's satellite constellation to their operations in the Pacific Basin.  NWSPR, with support from the Joint Polar Processing System (JPSS) program, has invested in new L/X-band antennas in Hawaii and Guam to complement the existing antenna that was installed on the Honolulu Community College (HCC) in 2012. Imagery and products from the antenna are already making an impact to operations at the forecast office and Central Pacific Hurricane Center (CPHC) in Honolulu.  More products will be made available to support tropical cyclone forecast operations in the near future.  The "big data" era in weather satellites is upon us.  How can forecasters parse all of the additional data to find critical pieces of information without exhausting their time?  And can our technical systems, such as the Advanced Weather Interactive Processing System (AWIPS), handle the two orders of magnitude increase in data?  This presentation will provide an update of the training activities that are planned for NWSPR, how new and experimental products are integrated into operations, and other thoughts on satellite proving ground activities from the perspective of a part-liaison, part-developer, and part-scientist that serves NWSPR |
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| FILES | Available upon request |