

VIIRS Aerosol Science and Operational Users Workshop

November 21-22, 2013

National Center for Weather and Climate Prediction (NCWCP)
5830 University Research Court
College Park, MD 20740

DRAFT AGENDA

Thursday, November 21

8:00 – 8:30	Registration
8:30 – 8:50	Welcome and Goals of the Workshop <i>Shobha Kondragunta, NOAA</i>
8:50 – 9:10	Overview of the JPSS Program <i>Mitch Goldberg, NOAA</i>
9:10 – 9:40	VIIRS Aerosol Optical Depth Algorithm and Validation <i>Istvan Laszlo, NOAA</i>
9:40 – 10:10	VIIRS Aerosol Products, Data Quality, and Visualization Tools <i>Hongqing Liu, IMSG at NOAA</i>
10:10 – 10:30	Break
10:30 – 11:00	VIIRS Suspended Matter and Dust Index Products <i>Shobha Kondragunta, NOAA and Pubu Ciren, IMSG at NOAA</i>
11:00 – 11:20	Global Case Studies of VIIRS Aerosol Products <i>Loraine Remer, UMBC</i>
11:20 – 11:40	Transition from MODIS AOD to VIIRS AOD <i>Robert Levy, NASA GSFC</i>
11:40 – 12:00	View from the Outside: How VIIRS Aerosol Products Fit into the Larger Aerosol Remote Sensing Picture <i>Ralph Kahn, NASA GSFC</i>
12:00 – 1:30	Lunch
1:30 – 1:50	VIIRS Aerosol Products in Data Assimilation <i>Ed Hyer, NRL Monterey (tentative)</i>
1:50 – 2:10	Use of VIIRS Aerosol Products in a Regional Air Quality Model <i>Rohit Mathur, EPA</i>
2:10 – 2:30	Global Estimates of Ambient PM _{2.5} Concentration from Satellite AOD <i>Aaron Van Donkelaar, Dalhousie University</i>
2:30 – 2:50	Estimating Surface PM _{2.5} Concentrations using Satellite AOD <i>Sundar Christopher, University of Alabama - Huntsville</i>
2:50 – 3:10	<i>Engaging New Users for VIIRS Aerosol Products</i> <i>Rich Kleidman or Pawan Gupta, NASA ARSET Program</i>
3:10 – 3:40	Break
3:40 – 5:00	Group Discussion: VIIRS Aerosol Products for Research Applications <i>Moderator: Lorraine Remer, UMBC</i>
5:00	Workshop Adjourns for the Day



Friday, November 22

8:00 – 8:30	Registration
8:30 – 9:00	Aerosol Products in Operational Air Quality Forecasting – West Coast Perspective <i>Kevin Durkee, South Coast Air Quality Management District</i>
9:00 – 9:30	Aerosol Products in Operational Air Quality Forecasting – East Coast Perspective <i>Laura Warren, Maryland Department of the Environment</i>
9:30 – 10:00	Improving EPA’s AIRNow AQI Maps with MODIS Aerosol Products <i>Jim Szykman, EPA (tentative)</i>
10:00 – 10:30	Break
10:30 – 11:00	Aerosol Products in Operational Numerical Air Quality Modeling <i>Ivanka Stajner, NOAA</i>
11:00 – 11:30	VIIRS Aerosol Products in NOAA’s HMS Fire and Smoke Product <i>Mark Ruminski, NOAA</i>
11:30 – 12:00	A Tutorial on MODIS and VIIRS Aerosol Products from Direct Broadcast Data on IDEA <i>Hai Zhang, IMMSG at NOAA</i>
12:00 – 1:30	Lunch
1:30 – 2:00	Overview of CONUS Case Studies of VIIRS Aerosol Products <i>Amy Huff, Pennsylvania State University</i>
2:00 – 3:00	Breakout Session: Review of CONUS Case Studies of VIIRS Aerosol Products
3:00 – 3:30	Break
3:30 – 4:30	Group Discussion: Feedback on Case Studies of VIIRS Aerosol Products for Operational Applications <i>Moderator: Amy Huff, Pennsylvania State University</i>
4:30 – 4:45	Next Steps for VIIRS Aerosol Products <i>Shobha Kondragunta, NOAA</i>
4:45 – 5:00	Workshop Evaluations
5:00	Workshop Adjourns

