

**NOAA Satellite Aerosol Product Workshop  
for Science and Operational Users  
September 13-14, 2016**

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

**DRAFT Workshop Agenda**

**Tuesday, September 13: Science Users**

9:00 – 11:30	Hands-On Tutorial Sessions (limited to 40 participants): <i>VIIRS aerosol algorithms, product access/availability, and visualization tools</i> <b>Located in 5825 University Research Court, Suite 4102 (4<sup>th</sup> floor)</b>
12:30 – 1:00	Check-In at NCWCP Conference Center
<b>Satellite Program/Product Updates Session</b>	
1:00 – 1:20	Opening Remarks <i>Mitch Goldberg, NOAA JPSS Program Science Office</i> <i>Jaime Daniels, NOAA NESDIS</i>
1:20 – 1:45	Enterprise Approach to the Aerosol Optical Depth Algorithm <i>Istvan Laszlo, NOAA NESDIS</i>
1:45 – 2:10	Enterprise Approach to the Aerosol Detection Algorithm <i>Shobha Kondragunta, NOAA NESDIS</i>
2:10 – 2:35	Tropospheric Emissions: Monitoring of Pollution (TEMPO) <i>Kelly Chance, Smithsonian Astrophysical Observatory</i>
2:35 – 3:00	Upcoming Changes to the EPA Pollutant Monitoring Network <i>Jim Szykman, U.S. EPA</i>
3:00 – 3:20	Break
<b>Science Users Applications Session</b>	
3:20 – 3:40	VIIRS Aerosol Assimilation Activities at NRL <i>Ed Hyer, Naval Research Laboratory</i>
3:40 – 4:00	VIIRS Aerosol Assimilation Activities at NWS/NCEP <i>Sarah Lu, NWS</i>
4:00 – 4:20	The Next Generation Global Prediction System (NGGPS) <i>Ivanka Stajner, NWS</i>
4:20 – 4:40	VIIRS Aerosol Assimilation Work at ESRL <i>Ravan Ahmadov, NOAA ESRL Global Systems Division</i>
4:40 – 5:00	CMAQ and VIIRS Fire/Aerosol Products <i>Pius Lee, NOAA Air Resources Laboratory</i>
5:00	Workshop Adjourns



## Wednesday, September 14: Operational Users

8:30 – 9:00	Check-In at NCWCP Conference Center		
<b>Satellite Products/Processing Session</b>			
9:00 – 9:30	Preparing for GOES-R Aerosol Optical Depth using Proxy Data <i>Brad Pierce, NOAA NESDIS</i>		
9:30 – 10:00	Status of GOES-R and JPSS Aerosol Products <i>Istvan Laszlo, NOAA NESDIS</i>		
10:00 – 10:30	Aerosol and Fire Product Latency Issues <i>Shobha Kondragunta, NOAA NESDIS</i>		
10:30 – 10:45	Break		
<b>Feedback Sessions</b>			
10:45 – 11:15	NOAA's eIDEA Website for Fire and Smoke Products <i>Amy Huff, Penn State</i>	10:45 – 12:30	Group Discussion: Emerging Issues in Aerosol Remote Sensing (e.g., new algorithms, capabilities, instruments, missions) <i>Moderator: Lorraine Remer, UMBC</i>
11:15 – 12:00	Breakout Session: Review of VIIRS Fire and Smoke Products on eIDEA		
12:00 – 12:30	Group Discussion: Feedback on eIDEA and Fire/Smoke Products <i>Moderator: Amy Huff, Penn State</i>		
12:30 – 1:30	Lunch (provided on site)		
<b>Operational Users Applications Session</b>			
1:30 – 1:55	Forecaster Perspective on Use of Aerosol Satellite Products: West Coast <i>Kevin Durkee, South Coast Air Quality Management District</i>		
1:55 – 2:20	Forecaster Perspective on Use of Aerosol Satellite Products: Gulf Coast <i>Rod Truesdell, Texas Commission on Environmental Quality</i>		
2:20 – 2:45	Forecaster Perspective on Use of Aerosol Satellite Products: South <i>Cary Gentry, Forsyth County (NC) Office of Environmental Assistance</i>		
2:45 – 3:10	Forecaster Perspective on Use of Aerosol Satellite Products: Mid-Atlantic <i>Sean Nolan, Pennsylvania Department of Environmental Protection</i>		
3:10 – 3:35	Forecaster Perspective on Use of Aerosol Satellite Products: New England <i>Michael Geigert, Connecticut Department of Energy and Environmental Protection</i>		
3:35 – 3:50	Break		
<b>Fire and Smoke Products Session</b>			
3:50 – 4:20	VIIRS Fire Products <i>Ivan Csiszar, NOAA NESDIS</i>		
4:20 – 4:50	Use of Fire Products in the HRRR-Smoke Model <i>Ravan Ahmadov, NOAA OAR</i>		
4:50 – 5:00	Workshop Evaluations		
5:00	Workshop Adjourns		

