

# The Practical Use of Satellite Observations for Visibility and Air Quality Analysis

NASA ARSET & University of California at Davis

Atmospheric Optics: Aerosols, Visibility, and the Radiative Balance Conference

Air & Waste Management Association

Jackson Hole, WY

Monday, September 26, 2016

## Instructors

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## Training Agenda

<b>AM Session: Introduction and First Exposure to Satellite Air Quality Measurements</b>			
<b>Document</b>	<b>Time</b>	<b>Topic</b>	<b>Format</b>
	8:00 – 8:15	Introduction and Logistics	Informal
P1	8:15 – 9:00	Satellite Capabilities for Air Quality Monitoring: An Overview	Talk/Discussion
P2	9:00 – 9:45	Satellite Imagery Access, Interpretation, and Tools for Dust, Smoke, and Pollution	Talk/Hands-on
P3	9:45 – 10:30	Satellite Observed Air Quality Data Availability Parameters, Strengths and Weakness	Talk/Hands-on
	<b>10:30-10:45</b>	<b>BREAK</b>	
E3	10:45-11:00	Satellite Data Download and Validation	Hands-on
P4	11:00 – 12:00	Application of Satellite Aerosol Data for PM <sub>2.5</sub> Estimations	Talk/Discussion
	<b>12:00-1:00</b>	<b>LUNCH BREAK</b>	

<b>PM Session: Working with Data and Air Quality Case Study Analysis</b>			
P5	1:00–2:00	Reading, Mapping and Analyzing MODIS Aerosols Data Sets	Hands-on
P6	2:00–3:00	Practical use of Satellite to Address Air Quality Applications	Talk/Demo
P7	3:00–4:30	Case Study Analysis in Groups with an information Break	Hands-on
	4:30-5:00	Survey and Exam	
	5:00	Adjourn	