



## Special Spring Webinar Series

# NASA Earth Observations and Tools for Air Quality Applications in South East Asia

*April 01 – April 29, 2015  
5 webinars: one hour per week*

*Every Wednesday 10:00 PM (EDT)/ Thursday 10:00 AM (SGT)/Thursday 02:00 UTC (GMT)*

**Registration:** Webinar is free but you must register at the link shown below. Space is limited and preference will be given to agencies engaged in air quality monitoring, management and decision making in the South East Asia. You will be notified by email if your registration has been approved before/by March 20, 2015.

Register here: [https://arset.adobeconnect.com/se\\_asia\\_aq/event/registration.html](https://arset.adobeconnect.com/se_asia_aq/event/registration.html)

**Information and Training Materials available at:** <http://arset.gsfc.nasa.gov/airquality>

**Objectives:** To introduce NASA and NOAA Earth observations, provide demonstrations on how to access and analyze data using web-based tools. Webinar will also discuss air quality case studies from the region.

Week #	Date	Title	Topics	Tools/Demo
1	April 1, 2015	Course overview and Introduction to Satellite Remote Sensing	Introduction to the ARSET Program, Satellite remote sensing, Satellites, and Air quality sensors	ARSET webpage walkthrough
2	April 8, 2015	Visible Satellite Imagery and Air Quality Applications	Information content, feature identification, image archives, dust and biomass cases	Worldview (Near real time data/image access)
3	April 15, 2015	Introduction to Satellite Aerosol Products and how to access them	Aerosols monitoring with the MODIS, MISR, OMI, and VIIRS instruments	LADSWEB
4	April 22, 2015	Application of Satellite Data to Particulate, Smoke and Dust Monitoring	Satellite derived aerosol optical depth-PM2.5 relationships, Smoke and Dust detection examples	Case studies & Global Air Quality Maps
5	April 29, 2015	Aerosols and Trace Gas Data Analysis	Mapping, Trends, Time Series, Inter-comparisons, Validation etc.	GIOVANNI, AEROSAT

