Welcome to the NASA Applied Remote Sensing Training Workshop:

**NASA Earth Observations, Data and Tools for Air Quality Applications**

August 28, 2016 to Monday, August 29, 2016

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Applied Remote Sensing Training Program (ARSET)
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http://arset.gsfc.nasa.gov

Provide online and on-site trainings tailored to:
  • policy makers
  • regulatory agencies
  • applied environmental professionals

To increase the use of NASA Earth Science models & data for environmental applications:

Disasters  Ecoforecasting  Health & Air Quality  Water Resources  Wildfires
ARSET Air Quality Team

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Training activities for environmental professionals to increase usage of NASA observational and modeling data for decision-making support.

- **Online Webinars**
  - 1 hour a week, 4-6 weeks
  - Live & recorded
  - Include demos on data access

- **In-person Workshops**
  - Held in a computer lab for 2 - 4 days
  - Focus on data access
  - Locally relevant case studies

- **Train the Trainers**
  - Courses & training manuals for those interested in doing their own remote sensing trainings
ARSET Trainings
Impact & Accomplishments

• 73 Trainings Completed
• 6,000+ participants worldwide from:
  – 2,000+ organizations
  – 130+ countries
• More participants trained in 2015 than all previous years combined

“[This training] motivated me to use satellite-based information for air quality management. So far I was dependent on ground-based tools like monitoring, inventory, and modeling.” - Participant of 2015 Advanced Air Quality Webinar
ARSET Trainings
A gradual learning approach

<table>
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<th>Basic Trainings</th>
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| • Webinars & Workshops  
  • Assumes no prior RS knowledge  
  *Examples: Fundamentals of Remote Sensing; Introduction to Remote Sensing* | • Webinars & Workshops  
  • Requires basic training  
  • Focuses on specific applications  
  *Example: Advanced Webinar: Satellite Remote Sensing of Particulate Matter Air Quality* |
ARSET Listserv

For information on upcoming courses and program updates, please sign up to the listserv

http://lists.nasa.gov/mailman/listinfo/arset

For training materials associated with this workshop:

http://arset.gsfc.nasa.gov/airquality/workshops/baq16