



Remote Sensing Training for Health & Air Quality

In-person and online trainings focus on assessing, interpreting, and processing NASA Earth observation data for a variety of health and air quality applications. Topics include observations of aerosols and trace gases; data access and applications; smoke and dust detection and monitoring; satellite-based surface particulate matter data sets; long range transport of atmospheric aerosols and trace gases; surface and satellite data inter-comparisons; comparisons between regional and global air quality models and satellite data; and long term air quality trends.

Any Introductory and Advanced Series can be taken dependent upon topic and interest.

Introductory

[Fundamentals of Satellite Remote Sensing for Health Monitoring](#)

[Introduction to Satellite Remote Sensing for Air Quality Applications](#)

[Satellite Derived Annual PM2.5 Datasets in Support of United Nations Sustainable Development Goals](#)

[High Temporal Resolution Air Quality Observations from Space](#)

[An Inside Look at how NASA Measures Air Pollution](#)

[Satellite Observations and Tools for Fire Risk, Detection, and Analysis](#)





[Remote Sensing Training for Health & Air Quality](#)

Advanced

[Advanced Webinar: Satellite Remote Sensing of Particulate Matter Air Quality](#)

[Advanced Webinar: Methods in Using NASA Remote Sensing for Health Applications](#)

[Advanced Webinar: Data Analysis Tools for High Resolution Air Quality Satellite Datasets](#)

[Advanced Webinar: High Resolution NO2 Monitoring from Space with TROPOMI](#)

[Advanced Webinar: MODIS to VIIRS Transition for Air Quality Applications](#)

[Advanced Webinar: Introduction and Access to Global Air Quality Forecasting Data and Tools](#)

[Advanced Webinar: Tools for Analyzing NASA Air Quality Model Output](#)

