

Workshop on Exploring and Using Multi-angle Imaging SpectroRadiometer Data - Sample Description

City - Date

Location

Building/Room Location



The NASA Langley Atmospheric Science Data Center (ASDC) is sponsoring a Workshop on Exploring and Using Multi-angle Imaging SpectroRadiometer (MISR) data on date and time in City at the Location Building / Room.

The MISR instrument on NASA's Terra satellite collects radiance at nine along-track angles and four spectral bands within a 7-minute interval at every viewed point. This information is used to map aerosols, clouds, and land surface covers. MISR Science Team Members will present an overview of the experiment, and highlight some recent explorations of MISR data for Earth science research, such as

- unique results from the December 26, 2004 Indian Ocean tsunami
- an immense wintertime pool of pollution over Bihar, India
- mapping Greenland ice sheet surface roughness
- surface dewatering from the January 26, 2001 Earthquake in Gujarat, India
- relationship between surface vegetation bidirectional reflectance and canopy structure
- retrieving aerosol optical depth globally over all surface types
- partitioning of aerosols into airmass types

The Workshop is intended for new and experienced MISR data users. Participants will learn about the scientific applications, calibration, geometry and analyses of the MISR measurements. This Workshop will also feature available data products, tools,

interactive hands-on session exploring case studies, and a videoconference with Dr. David Diner (MISR Principal Investigator).

Registration for the free Workshop is required in order to provide sufficient materials. No funds are available for participant travel expenses.

Agenda — Registration (available until cutoff date - limited to max# participants)