

Workshop Announcement and Call for Papers:

“The Shuttle Radar Topography Mission – Data Validation and Applications”

**June 14-16, 2005
Reston, Virginia, USA**

February 2005 marked five years since the flight of the Shuttle Radar Topography Mission (SRTM), a joint project of the National Geospatial-Intelligence Agency and the National Aeronautics and Space Administration. The result of the mission is an unprecedented near-global high-resolution elevation dataset. Since the Shuttle flight, the mapping community has eagerly anticipated the availability of this new source of basic topographic information. All SRTM data production has been completed, and the data are now being used in numerous applications. To help document the SRTM data quality and characteristics, and to describe applications benefiting from the data, a workshop is being convened for the SRTM data user community.

Workshop Sponsors: National Aeronautics and Space Administration (NASA); United States Geological Survey (USGS); Committee on Earth Observation Satellites, Working Group on Calibration and Validation (CEOS/WGCV); International Society for Photogrammetry and Remote Sensing (ISPRS)

Workshop Dates and Location: The workshop will be held Tuesday through Thursday, June 14-16, 2005 at the USGS national headquarters facility in Reston, Virginia (suburban Washington, D.C.).

Workshop Program: The workshop program will include invited overview presentations, contributed presentations, panel discussions, and poster presentations. Contributed presentations for the workshop are solicited to cover one or more of the following topics:

- Evaluation of the horizontal and vertical accuracy of SRTM elevation data products
- Spatial resolution analysis of SRTM elevation data products
- Comparison of SRTM elevation data products with other types of elevation data, especially data derived from other remote sensing systems
- Comparison of SRTM C-band products with X-band products in terms of accuracy and spatial resolution
- Generation of datasets derived from SRTM elevation data, and comparison of derivative products with similar products derived from other sources of elevation data
- Algorithms for filling voids in SRTM elevation data
- Algorithms for bare earth processing (vegetation removal) of SRTM data
- Techniques for information extraction from SRTM data
- Hybrid products created by merging SRTM data with other remote sensing and geospatial datasets
- Applications of SRTM elevation data and derived products, with a special focus on describing the impact of using SRTM data in place of other elevation datasets
- New applications of elevation data facilitated by the availability of SRTM data

Workshop participants interested in making a presentation are asked to submit an abstract by **April 15, 2005**, indicating the presentation title and topic, and presenter information. Please indicate your preference for an oral presentation or poster presentation. Notification of acceptance will be sent by May 15, 2005. Abstracts may be submitted by email to:
srtm_workshop@usgs.gov

Workshop Registration: Pre-registration will be required for all workshop participants. A workshop web site is currently being constructed, and it will include registration information and procedures, program information, directions to the workshop site, and travel and lodging information. The web site address will be disseminated widely as soon as it is available, and it will also be posted to the JPL SRTM web site (<http://www2.jpl.nasa.gov/srtm/>). To receive more details on the workshop (including registration materials) as they become available, send an email with your contact information to: **srtm_workshop@usgs.gov**

For Further Information: Inquiries for further information on the workshop may be sent to:
srtm_workshop@usgs.gov

Workshop Organizing Committee:

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