

## ***Photogrammetric Engineering & Remote Sensing – Special Issue Call for Papers***

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

The February 2000 flight of the Shuttle Radar Topography Mission (SRTM) has resulted in 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 special issue of *Photogrammetric Engineering & Remote Sensing (PE&RS)* dedicated to SRTM results will be published in February 2006. Papers for the special issue are solicited to cover one or more of the following topics:

- 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
- Applications of SRTM elevation data and derived products, with a special focus on describing the effects of using SRTM data in place of other elevation datasets
- New applications of elevation data facilitated by the availability of SRTM data

All manuscripts must be prepared according to the *PE&RS* “Instructions to Authors,” which is published in each issue of *PE&RS* and is available on the ASPRS web site, [www.asprs.org](http://www.asprs.org). Papers will be peer-reviewed in accordance with journal policy. The deadline for submission is **July 1, 2005**. All manuscripts should be sent to Dean Gesch, Guest Editor at:

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