



CENTER FOR  
SPATIAL INFORMATION SCIENCE  
AND SUSTAINABLE DEVELOPMENT  
APPLICATIONS  
COLLEGE OF SURVEYING & GEO-INFORMATICS



International Workshop on  
**Antarctica Remote Sensing for Global Change  
Monitoring**

Beijing, P.R. China – 21<sup>st</sup> April 2013

## Call for abstracts

Antarctica region is a crucial area for the climate change study on the whole Earth. Remote Sensing technology is one of the most important methodologies for data collection and change monitoring in this area. Modeling and application oriented contributions, investigations on the use of existing and new sensors, and experiences about data integration and cross-validation with both spaceborne and ground-based sensors (e.g. GNSS, ice penetrating radar) will be discussed in the workshop.

Contributions are expected, but not limited, to the following topics:

1. Extraction of the ice sheet boundaries, grounding lines and changes along time
2. Measurements of the ice sheet surface changes and ice flow field velocity
3. Geodetic observations for regional and global mass balance and sea level monitoring
4. Numerical modeling of the ice cap, GIA, and geoid model in the Antarctica region.

**Workshop Chair:** Ron Li (The Ohio State University, USA)

**Technical Committee:** S. Bo (Polar Research Centre of China, Shanghai), A. Albertella (Politecnico di Milano, Italy), O. Andersen, R. Forsberg, P. Knudsen (National Space Institute, Copenhagen, Denmark), A. Capra (University of Modena and Reggio Emilia, Italy), D. E (Wuhan University), M. He (Ocean University of China, Qingdao), J. Mills (Newcastle University, UK).

**Organizing Committee:** M. Scaioni (Chair, Tongji University, Shanghai), X. Tong (Co-chair, Tongji University, Shanghai), X. Cheng (Co-chair, Beijing Normal University), H. Wang (Chinese Academy of Sciences, Wuhan), L. Liu (Polar Research Centre of China, Shanghai), C. Liu, S. Liu, P. Lu, G. Qiao, Y. Shen, Y. Tian, W. Wang, H. Wu, H. Xie, and S. Zhang (Tongji University, Shanghai).

**Venue:** the workshop is jointly organized with the 35th International Symposium on Remote Sensing for Environment (<http://www.isrse35.org>), 22-26 April 2013, Beijing International Convention Center.

**Abstracts for presentations and posters** (max 400 words) should be sent before 15<sup>th</sup> February 2013 to: [marco@tongji.edu.cn](mailto:marco@tongji.edu.cn). Selected authors will be invited to submit papers for a special issue on Antarctica Remote Sensing in *Journal of Marine Geodesy* (SCI, Taylor & Francis). All papers will be peer reviewed and selected for publication.