

1st Announcement and Call for Extended Abstract

International Workshop on Supporting Future Earth with Global Geo-information

**June 9-10, 2015
Beijing, China**

1. Background and Objective

Future Earth is a global research platform aiming to provide knowledge and supporting to accelerate our transformations to a sustainable world. Dynamic Planet, Global Development and Transformations towards Sustainability are its three research themes. These depend critically on the availability and utilization of reliable information at both local and global scale. With the advancement of remote sensing, spatial information technology and modern cartography technologies, more and more spatial data sets at both global and local scales have been produced in the past and will be generated continuously in the future. Supporting Future Earth with reliable global geo-information is becoming a key challenge for assuring a successful global understanding, environmental change analysis, transformational development and dynamic modeling.

This joint workshop will present the latest development of global spatial data production and sharing, exchange successful application experiences of global geo-information, examine up-to-date user requirements and key gaps, and identify major challenges. It aims at promoting the multi-disciplinary collaboration towards providing reliable global geo-information to support Future Earth.

2. Topics and Abstract Submissions

An extended abstract on the following topics is requested:

- Scientific vision and latest progress of Future Earth from national and international perspectives, especially by utilizing geo-information;
- Definition of challenges for and requirements on global geo-information and services concerning Future Earth programs;
- Latest developments of global geo-data sets (Earth observation data, Digital elevation, Land cover, environmental monitoring, ecological data);
- Representation and visualization of Global geo-spatial information;
- Policy and technology for global geo-information sharing and service;
- Progress of open geo-spatial software and integrated application with open geo-data sets;
- Big data analysis of global spatial and non-spatial information;
- Applications of GlobeLand30 and other global geo-information in global understanding, environmental change analysis, dynamic modeling and transformational development;

- Applications of global geo-data sets for disaster risk analysis and information service;
- Others...

A special issue is planned on International Journal of Digital Earth (IJDE) and will be published in the beginning of 2016 as the output of this workshop. A call for full paper for this special issue will soon be issued.

3. Organizers and Sponsors

Organizers: ISPRS Beijing Office
 Chinese National Committee for Future Earth (CNC-FE)
 UN Project Management Office, National Administration of Surveying, Mapping and Geoinformation (NASG)
 LIESMARS, Wuhan University
 National Disaster Reduction Center of China (NDRCC)
 National Geomatics Center of China (NGCC)
 UN-SPIDER Beijing office

Sponsors: ICSU GeoUnions
 Joint Board of Geospatial Information Societies (JBGIS)
 European Association of Remote Sensing Laboratories (EARSeL)
 Open Source Geospatial Foundation (OSGeo)

4. Important Dates

Please submit your extended abstract to isprs@nsdi.gov.cn before 1 February 2015. The extended abstract should be in English (1000-1500) in MS Word or PDF document format. Please provide the following information with the abstract: Author name, Affiliation, address and email, Keywords.

The acceptance or rejection of a paper will be based on the reviews. Notification of acceptance will be sent out by 1 March 2015.

5. Registration Fees

The registration fee will be:

- 1200 RMB for registrations before 15 March 2015
- 1500 RMB for registrations after 15 March 2015
- 800 RMB for Students

The online registration will be open on workshop webpage. The fee includes admission to all sessions, documents, coffee break and meals during the workshop.

6. Accommodation

The hotel information will be provided soon.

Further information will be available at http://ngcc.sbsm.gov.cn/article/isprs_cn,
 Contact: isprs@nsdi.gov.cn.