

Call for Papers
International Journal of Digital Earth

Special Issue on “Supporting Future Earth with Global Geospatial Information”
Guest Editors: Jun Chen and Songnian Li

Aim

Future Earth is a global research initiative aiming at developing the knowledge for effective response to the risks and opportunities of global environmental change and for supporting transformation towards a sustainable world. Dynamic Planet, Global Development and Transformations towards Sustainability are its three research themes, which depend critically on the availability and utilization of reliable information at both local and global scales. With the advancement of remote sensing and spatial information technologies, more and more spatial datasets at both global and local scales will increasingly become available in addition to those that have already been produced in the past. Supporting Future Earth with reliable global geo-information is becoming a key challenge for assuring successful global understanding, environmental change analysis, transformational development and dynamic modeling. This special issue of the *International Journal of Digital Earth* (IJDE) is devoted to the latest development on global geospatial data production and sharing, successful application experiences of global geo-information in environmental change analysis and sustainability studies, examination and analysis of up-to-date user requirements and key gaps arising from Future Earth studies, and identification of major challenges.

The IJDE is the official Journal of the International Society for Digital Earth and is published by Taylor & Francis of the UK. It is the first professional and international peer-reviewed journal in the digital earth research field around the world. The SCI 2013 impact factor for this journal is now at 2.212.

Papers for this special issue on **Supporting Future Earth with Global Geo-spatial Information** must present original, state-of-the-art research that contributes to the development of technologies for producing, sharing and analyzing global geospatial information and their applications for supporting Future Earth developments. This is an open call for papers. Selected quality papers from the International Workshop on Supporting Future Earth with Global Geo-information will also be invited for submission.

Scope

Potential topics include, but are not limited to, the following:

- Challenges and requirements of global geospatial information and services within the context of Future Earth programs;
- Latest developments of global geospatial data (Earth observation, digital elevation, land cover, environmental monitoring, and ecological data);
- Representation and visualization of global geospatial information;
- Policy and technology for global geospatial information sharing and services;
- Applications of global geospatial data in global understanding, environmental change analysis, dynamic modeling and transformational development.

Submission guidelines

Submissions must follow the instructions to authors outlined on the Taylor & Francis web page for the International Journal of Digital Earth found at <http://www.tandf.co.uk/journals/authors/tjdeauth.asp>. Word templates are available on the web site and papers are typically 5000-8000 words in length. Papers should be submitted online at the International Journal of Digital Earth's *Manuscript Central Site* available from the web link indicated above. New users should first create an account. Once a user is logged onto the site submissions should be made via the Author Centre. Please indicate the paper is submitted to Special Issue on “Supporting Future Earth with Global Geospatial Information”.

The special issue will include a maximum of 5-8 papers.

Important deadlines

Submission of manuscripts: August 1, 2015

Notification of acceptance/rejection: December 31, 2015

Planned publication of special issue: Early 2016

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