

an Open Access Journal by MDPI

Smart Cartography for Big Data Solutions

Guest Editors:

**Prof. Dr. Temenoujka
Bandrova**

Head of Laboratory on
Cartography, University of
Architecture, Civil Engineering
and Geodesy, 1, Chr. Smirnenski
Blvd., 1046 Sofia, Bulgaria

Prof. Dr. Milan Konecny

Laboratory on Geoinformatics
and Cartography, Department of
Geography, Faculty of Science,
Masaryk University, Kotlarska 2,
61137 Brno, Czech Republic

Prof. Dr. Hui Lin

Key Laboratory of Poyang Lake
Wetland and Watershed
Research of Ministry of
Education, Nanchang 330022,
China

Deadline for manuscript
submissions:

closed (10 June 2019)

Message from the Guest Editors

The increasing amount of data encourages the creation of new methodologies for data processing, as well as the development of digital technologies. Both are progressively yielding new potentials and possibilities in the evolution of cartographic analyses, synthesis, visualization, and their applications. This trend also leads to new challenges in cartography due to dealing with the gathering, storage, analysis, and visualization of spatial information and data. Cartography is one of the few visualization disciplines to have always used, and correctly analyzed a huge amount of data, and represented them on different levels of preciseness according to the needs of potential users. We certainly need to develop and integrate new methodologies and technologies, but smart probably starts to be valid from the moment we create new and higher quality of the problem solutions.

Keywords

- Big data challenges for geo-scientists
- Geoinformation for Smart Cities
- Multi-D Mapping and Visualization
- Web, Virtual, Augmented Cartographic Modeling
- Volunteer Geographic Information
- Virtual Geographic Environments
- Cartographic Communication for Big Data Era



mdpi.com/si/15691

Special Issue

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Wolfgang Kainz

Cartography and Geographic
Information Science, Department
of Geography and Regional
Research, University of Vienna,
Universitätsstr. 7, A-1010 Vienna,
Austria

Message from the Editor-in-Chief

The *ISPRS International Journal of Geo-Information* invites you to submit research articles, reviews, and reports covering topics of the whole domain of geo-information. Although the journal was only founded in 2012, it has already achieved wide recognition in the scientific community. We are proud that since April 2015, our journal is indexed by the SCIE of the Web of Science. As Editor-in-Chief, I encourage you to consider *IJGI* for your scientific papers and would be pleased to welcome you as authors.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [GeoRef](#), [PubAg](#), [dblp](#), [Astrophysics Data System](#), [Inspec](#), and [other databases](#).

Journal Rank: JCR - Q2 (Remote Sensing) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

ISPRS International Journal of Geo-Information Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijgi
ijgi@mdpi.com
[X@ISPRS_IJGI](#)