

Big Data Computing for Geospatial Applications

Guest Editors:

Dr. Zhenlong Li

Dr. Wenwu Tang

Dr. Qunying Huang

Dr. Eric Shook

**Prof. Dr. Qingfeng (Gene)
Guan**

Message from the Guest Editors

This special issue aims to capture the latest efforts on utilizing, adapting, and developing new computing approaches, spatial methods, and data management strategies to tackle geospatial big data challenges for supporting geospatial applications in different domains such as climate change, disaster management, human dynamics, public health, and environment and engineering.

Potential topics include:

- Geo-cyberinfrastructure integrating spatiotemporal principles and advanced computational technologies
- New computing and programming frameworks and architecture or parallel computing algorithms for geospatial applications
- New computing methods considering spatiotemporal collocation of users, data, and computing resources
- Geospatial big data processing, mining and visualization methods using high-performance computing and artificial intelligence
- Any other research, development, education, and visions related to geospatial big data computing

Deadline for manuscript
submissions:
closed (31 May 2020)

Interested authors are encouraged to notify the guest editors of their intention by sending an abstract to Dr. Zhenlong Li (zhenlong@sc.edu) before **31 May 2020**.



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 (*Geography, Physical*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

ISPRS International Journal of Geo-Information Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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