Big Data Computing for Geospatial Applications

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

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 2019.

Deadline for manuscript submissions:
30 September 2019
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.

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CiteScore (2018 Scopus data): 2.58, which equals rank 22/86 (Q2) in the category 'Earth and Planetary Sciences (miscellaneous)', rank 78/629 (Q1) in 'Geography, Planning and Development', and rank 11/34 (Q2) in 'Computers in Earth Sciences.'

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