

Special Issue

Distributed and Parallel Architectures for Spatial Data

Message from the Guest Editors

In recent years, an increasing amount of spatial data have been collected by different types of devices, such as mobile phones, sensors, satellites, space telescope, medical tools for analysis, or are generated by social networks, such as geotagged tweets. The processing of this huge amount of information, including spatial properties, which are frequently represented in heterogeneous ways, is a challenging task that has boosted research in the big data area to investigate the case and propose new solutions for dealing with its peculiarities. This Special Issue aims at promoting new and innovative studies, proposing new architectures or innovative evolutions of existing ones, or illustrating experiments on current technologies in order to improve the efficiency and effectiveness of distributed and cluster systems when they deal with spatio-temporal data. We invite submissions of either original technical papers or high-quality survey papers that shed new light on a particular perspective on spatial big data systems.

Guest Editors

Prof. Dr. Alberto Belussi

Dr. Sara Migliorini

Dr. Damiano Carra

Prof. Dr. Eliseo Clementini

Deadline for manuscript submissions

closed (30 June 2019)



ISPRS International Journal of Geo- Information

an Open Access Journal
Published by MDPI

Impact Factor 2.8
CiteScore 6.9



mdpi.com/si/15997

*ISPRS International Journal of
Geo-Information*
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijgi@mdpi.com

mdpi.com/journal/

[ijgi](https://www.mdpi.com/ijgi)





ISPRS International Journal of Geo- Information

an Open Access Journal
Published by MDPI

Impact Factor 2.8
CiteScore 6.9



[mdpi.com/journal/](https://mdpi.com/journal/ijgi)

[ijgi](https://mdpi.com/journal/ijgi)



About the Journal

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.

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

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)