

Advances in Localization and Navigation (GIS Ostrava 2021)

Guest Editors:

Dr. Guenther Retscher

Prof. Dr. Ondrej Krejcar

Dr. Vassilis Gikas

Dr. Michal Kačmařík

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

The current globalized world counts on localized data and location-aware services in a broad list of domains. People use their mobile devices for navigation in day-to-day professional and leisure time activities, companies automate their production or distribution, (unmanned) vehicles autonomously carry out given tasks separately or even cooperatively, and practically everything can be tracked during its movement.

This Special Issue, which stems from the conference “GIS Ostrava 2021: Advances in Localization and Navigation”, welcomes submissions on (but not limited to) the following topics:

- Localization via wireless networks
- Satellite positioning and navigation
- Vision-based localization and navigation
- Inertial localization and navigation
- Fusion of sensors and technologies
- Autonomous operation of vehicles and robots
- Simultaneous navigation and mapping (SLAM)
- Cooperative localization and navigation, intelligent transportation
- Artificial intelligence in localization and navigation
- Indoor navigation
- Pedestrian navigation
- Location-based services
- High-definition maps
- Standards and interoperability
- Algorithms and software development





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](https://twitter.com/ISPRS_IJGI)