

an Open Access Journal by MDPI

Innovative Sensing - From Sensors to Methods and Applications

Guest Editors:

Prof. Boris Jutzi

boris.jutzi@kit.edu

Dr. Martin Weinmann

martin.weinmann@kit.edu

Dr. Raul Queiroz Feitosa

raul@ele.puc-rio.br

Prof. Dr. Stefan Hinz

stefan.hinz@kit.edu

Deadline for manuscript
submissions:

closed (3 February 2019)

Message from the Guest Editors

Topics of this Special Issue mainly focus on, but are not limited to:

- Innovative and integrated UAS-oriented sensor and (small) platform concepts
- Systems and methods for terrestrial and mobile mapping in complex indoor and outdoor environments
- Small and low-cost active sensing (micro-LIDAR and -RADAR sensors)
- Design and realization of sensors and constellations for digital aerial and spaceborne missions for Earth observation
- Geometric and radiometric properties, quality standards, and factors affecting data quality
- Benchmark definition, calibration and evaluation of imaging and non-optical imaging sensors
- Integrated platform guidance, navigation, direct georeferencing (positioning and orientation) and integrated sensor orientation
- On-board (pre-)processing and concepts for embedded systems



mdpi.com/si/13110

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

Contact Us

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

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

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