

## UAV in Smart City and Smart Region

Guest Editors:

**Dr. Michal Kačmařík**  
michal.kacmarik@vsb.cz

**Dr. Fabio Remondino**  
remondino@fbk.eu

**Dr. Eija Honkavaara**  
eija.honkavaara@nls.fi

**Dr. Václav Šafář**  
vaclav.safar@vugtk.cz

Deadline for manuscript  
submissions:

**30 April 2021**

### Message from the Guest Editors

Dear Colleagues,

The fast increase in the utilization of unmanned air vehicles (UAVs) and development of Smart Cities/Regions are opening new possibilities and challenges in providing and utilization of up-to-date information about various spatial features and phenomena shaping our world. Such information needs to be provided from variable locations, sometimes with a short time latency or with a high update rate and practically always at the lowest possible costs. In all these factors, UAVs can excel as they have proven to be an effective tool for a variety of mapping and monitoring purposes. In addition to that, many UAV applications not targeting spatial data collection are already in operational use or under development.

This Special Issue, which stems from the conference “GIS Ostrava 2020: UAV in Smart City and Smart Region”, welcomes but is not limited to contributions in the following topics:





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:** The journal is covered by **Science Citation Index Expanded** (Web of Science), Scopus and INSPEC (IET).

**CiteScore** (2019 Scopus data): **3.8**, which equals rank 28/95 (Q1) in the category 'Earth and Planetary Sciences (miscellaneous)', rank 99/679 (Q1) in 'Geography, Planning and Development', and rank 13/40 (Q3) in 'Computers in Earth Sciences.'

## Contact Us

---

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

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/ijgi](http://mdpi.com/journal/ijgi)  
[ijgi@mdpi.com](mailto:ijgi@mdpi.com)