

Special Issue

Geospatial Approaches to Landslide Mapping and Monitoring

Message from the Guest Editors

Landslides play an important role in the evolution of landscapes and still represent a major threat to urban areas and anthropogenic activities, to infrastructures, cultural and environmental heritage. The landslide scientific community, practitioners and end-users, have greatly benefited from both the technological development of these techniques, in terms of spatial resolution, accuracy, fast measurement and processing times, and from the data availability and cost-effectiveness. In this perspective, a key issue is still represented by data management and processing tools which, in turn, can lead to a proper and accurate comprehensive view and interpretation of the slope instability processes, with the final aim of implementing mitigation measures for landslide risk management. The goal of this Special Issue is to gather high-quality original research articles and reviews on innovative geospatial approaches, synergistic use of remote sensing techniques, and case studies applications for landslide detection, mapping and monitoring, from spaceborne, ground-based to UAV platforms.

Guest Editors

Dr. Veronica Tofani

Department of Earth Sciences, Università degli Studi di Firenze,
Florence, Italy

Dr. William Frodella

UNESCO Chair on Prevention and Sustainable Management of Geo-Hydrological Hazards, University of Firenze, Via G. La Pira 4, Firenze, Italy

Deadline for manuscript submissions

closed (29 February 2020)



ISPRS International Journal of Geo- Information

an Open Access Journal
Published by MDPI

Impact Factor 2.8
CiteScore 7.2



mdpi.com/si/24028

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

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





ISPRS International Journal of Geo- Information

an Open Access Journal
Published by MDPI

Impact Factor 2.8
CiteScore 7.2



[mdpi.com/journal/
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 (Geography, Physical) / CiteScore - Q1 (Earth and Planetary Sciences (miscellaneous))