

Special Issue

Advances in Remote Sensing and GIS for Natural Hazards Monitoring and Management

Message from the Guest Editors

This Special Issue is open to a diverse range of contributions on recent advances in the application of remote sensing and GIS methods for the monitoring/mapping/modeling/assessment/mitigation of natural hazards, such as landslides, floods, wildfires, droughts, and erosion. Methods for the development of algorithms for data processing/interpretation and the presentation of case studies are welcome. We invite submissions that may include, but are not limited to, the following topics:

- Mapping of (historical) events;
- (Near) real-time hazard monitoring;
- Remote sensing for hazard/vulnerability/risk analysis mapping and damage assessment;
- Single/multi-hazard detection, modeling, vulnerability, and prediction;
- Applications in support of disaster risk reduction and adaptation strategies;
- Fusion of remotely sensed imagery for disaster applications.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)



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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

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