

Special Issue

Remote Sensing Monitoring of Geomorphological Hazards

Message from the Guest Editors

This Special Issue of *Geosciences* aims to gather high-quality original research articles, reviews, and technical notes on the use of remote sensing for geomorphological hazard monitoring.

With this Special Issue, we propose state-of-the-art research that specifically addresses multiple aspects on the use of remote sensing for geomorphological hazard monitoring. The aim is to collect innovative methodologies, expertise, and capabilities to detect, assess, map, monitor, and model geomorphological hazards such as mass movements, floods, coastal processes, etc. We are interested in studies that showcase the broad range of applications of optical and multi/hyper-spectral data, SAR, thermal imaging, aerial photogrammetry, LiDAR, UAV surveys, structure-from-motion, etc.

Review contributions are welcomed, as well as papers describing novel sensors and promising applications for hazard assessments and monitoring, and for the implementation of early warning systems based on remote sensing data (either from terrestrial, airborne, or satellite sensors).

Guest Editors

Dr. Saverio Romeo

Dr. Francesco Mugnai

Dr. Mauro Bonasera

Dr. Roberta Boni

Dr. Ciro Cerrone

Deadline for manuscript submissions

closed (31 May 2025)



Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



mdpi.com/si/158279

Geosciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
geosciences@mdpi.com

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





Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



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



About the Journal

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. John C. Eichelberger

Alaska Center for Energy and Power, University of Alaska Fairbanks,
Fairbanks, AK, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), GeoRef, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q1 (General Earth and Planetary Sciences)