

## 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).

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### Guest Editors

Dr. Saverio Romeo  
Dr. Francesco Mugnai  
Dr. Mauro Bonasera  
Dr. Roberta Boni  
Dr. Ciro Cerrone

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### Deadline for manuscript submissions

closed (31 May 2025)



## Geosciences

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## 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.

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### Editor-in-Chief

Prof. Dr. Alberto G. Fairén

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