# Special Issue

# Advances in Geological Hazard Characterization and Assessment: Merging Remote Sensing with Direct Surveys

**Message from the Guest Editors**

The Special Issue welcomes original research articles, case studies, review papers, and methodological advances that contribute to the field of geological hazard characterization and assessment. Suggested themes and article types include, but are not limited to, the following:

- Remote Sensing Technologies for Geological Hazards: development, automation, implementation, and validation of new remote sensing algorithms for geological hazard monitoring;
- Geological Hazard Assessment Techniques: case studies demonstrating the integration of remote sensing data with direct surveys for geological hazard assessment;
- Technological Innovations: innovations in UAV LiDAR, InSAR, and other remote sensing technologies that enhance the detection and analysis of geological hazards;
- Data Integration and Modeling: methods for combining remote sensing data with ground-based observations and physical models to improve hazard characterization;
- Applications in Hazard Mitigation;
- Comprehensive reviews on the latest advancements in integrating remote sensing and direct surveys for geological hazard assessment.

**Guest Editors**

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Dr. Matteo Albano

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**Deadline for manuscript submissions**

31 March 2026

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/210555

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*Remote Sensing* is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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