

## Special Issue

# Comprehensive Risk Assessment Methods and Hazards Early Warning System of Geological Hazards in the Mountain Area

### Message from the Guest Editors

This Special Issue aims at soliciting contributions within the scope of the comprehensive risk assessment methods and hazards early warning system of geological hazards on major projects in the mountain area. Potential research includes studies on geological hazards, such as landslides, collapse and debris flow, using remote sensing approaches (e.g., InSAR, optical remote sensing or UAV mapping), on-site engineering geological survey or real-time monitoring equipment. - Analysis of genetic mechanisms of typical geological hazards in the mountain area; - Temporal-spatial evolution of geological hazards in the mountain area; - Prediction and risk assessment of geological hazards in the mountain area; - Monitoring and early warning of geological hazards in the mountain area. - Controlling and reinforcement of geological hazards in the mountain area.

---

### Guest Editors

Prof. Dr. Chun Zhu

Prof. Dr. Zhigang Tao

Prof. Dr. Honghu Zhu

Dr. Chen Cao

Prof. Dr. Manchao He

---

### Deadline for manuscript submissions

closed (12 April 2023)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/101608](https://mdpi.com/si/101608)

*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

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





# Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



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



## About the Journal

### Message from the Editor-in-Chief

*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.

---

### Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

---

### 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), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

#### Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)