

Special Issue

Multi-Source Remote Sensing Integrations in Geological Hazards Research

Message from the Guest Editors

Multi-source remote sensing (RS) integration promotes accuracy and efficiency in geohazard monitoring, forecasting, and assessment by combining optical, radar (synthetic aperture radar, SAR), LiDAR, thermal infrared, and other RS data to achieve information reciprocity at the data, feature, or decision levels. With a focus on developing novel data fusion methods or applying multi-source RS data to investigate the process of geological structure and surface variations, it is crucial to advance the understanding of geohazard formation mechanisms underlying the Earth's dynamic systems. Given the abundance of information derived from multi-source RS data, researchers can make theoretical or technical contributions to geohazard assessment and secondary disaster warnings, as well as to regional sustainable development, which is in line with this journal's scope.

Guest Editors

Dr. Jie Zhao

Dr. Shufang Tian

Dr. Ying Zhang

Dr. Die Hu

Deadline for manuscript submissions

29 October 2025



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/236980

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)