

Special Issue

Multimodal Remote Sensing and Artificial Intelligence Technologies for Disaster Prevention and Mitigation

Message from the Guest Editors

This Special Issue calls for articles that deal with innovative approaches to disaster emergency monitoring, risk assessment and predictive early warning using multimodal remote sensing (multispectral, hyperspectral, radar and thermal infrared) and artificial intelligence techniques or related case studies. The disasters can cover a wider range of areas from natural hazards (earthquakes, landslides, mudslides, floods, fires, droughts and storm surges) to production safety accidents (mining accidents, hazardous chemical explosions and fires). Hence, submissions that focus on how multimodal remote sensing, artificial intelligence and other technological approaches can be effectively applied and assist in decision-making for the different stages of disaster prevention and mitigation, among other issues, are welcome.

Guest Editors

Dr. Futao Wang

Dr. Marco Materazzi

Dr. Zhengchao Chen

Dr. Ming Liu

Dr. Muhammad Hasan Ali Baig

Dr. Margherita Bufalini

Deadline for manuscript submissions

closed (15 March 2024)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/166375

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 Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)