

Special Issue

Satellite and Ground-Based Remote Sensing of Seismic, Volcanic and Cyclonic Activity in the Earth-Atmosphere-Ionosphere System

Message from the Guest Editors

This Special Issue invites innovative methods and applications on monitoring and modelling seismic and volcanic activity and related phenomena. Submissions are encouraged to cover a broad range of topics, which may include, but are not limited to, the following activities:

- algorithm development, automation, implementation, and validation;
- detection, mapping and evaluation of seismic, volcanic and cyclonic activity;
- remote sensing seismic processes, volcano and cyclonic activities;
- application of data driven approach, digital twin/combined physical theory and data processing, numerical modelling and complex system theory to the investigation of the processes of Earth-Atmosphere-Ionosphere coupling;
- the physical fields accompanying seismic, volcanic, and strong atmospheric processes;
- new physical and chemical sensors applied in geophysics;
- dynamic and Planetary Wave, Atmospheric Gravity Wave, Electromagnetic and other wave processes in lithosphere, hydrosphere, atmosphere, and the ionosphere associated with seismic, volcanic and cyclonic activity;

Guest Editors

Prof. Dr. Yuriy G. Rapoport

Dr. Volodymyr Grimalsky

Dr. Anatoly Kotsarenko

Gianfranco Cianchini

Deadline for manuscript submissions

closed (31 August 2024)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 8.3



mdpi.com/si/150176

Remote Sensing
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 4.2
CiteScore 8.3



[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)