

## 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

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CiteScore 8.6



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## 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.

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### Editors-in-Chief

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