Special Issue

Early Warning Systems and Real-Time Monitoring for Geohazards by Remote Sensing Techniques

Message from the Guest Editors

This Special Issue aims to showcase the latest developments in early warning systems and the real-time monitoring of geohazards through remote sensing technologies. Specifically, we focus on methodologies and case studies that highlight how these technologies can be applied to enhance geohazard monitoring and improve early warning systems. Through this issue, we seek to inspire innovation and foster collaboration in order to strengthen disaster preparedness and response globally. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Earthquakes, volcanic eruptions, and landslides;
- Remote sensing technologies, e.g., visible satellite imagery, InSAR, and GNSS;
- Geohazards real-time monitoring;
- Ground deformation and fault movements;
- Geohazards early warning systems;
- Data accuracy and temporal resolution;
- AI techniques in remote sensing;
- Geohazards preparedness and response.

Guest Editors

Dr. Yingfeng Zhang

Dr. Jianfei Zang

Prof. Dr. Chong Xu

Dr. Qi Ou

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

mdpi.com/journal/remotesensing

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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

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