Special Issue

Monitoring and Modelling of Geological Disasters Based on InSAR Observations II

Message from the Guest Editors

With our first Special Issue, open from 2021 to 2022, we published 16 state-of-the-art research articles covering such topics as PS, DS, deformation parameter inversion, motoring deformation (e.g., earthquakes, volcanoes, and oil extraction), and driving mechanism interpretation, among others. An increasing number of scholars are expressing their willingness to submit and publish their research output in our journal. Therefore, we are launching a second edition of this Special Issue. This Special Issue aims at publishing studies covering different applications by InSAR technique, especially monitoring and modeling of geological disasters. Topics may cover any aspect from ground displacement monitoring to inversion of geophysical parameters. Multi-source data integration (e.g., InSAR, GNSS, and ground sensors), advanced InSAR approaches, geological disaster modeling and other relevant issues are all welcome. Articles may address, but are not limited to, the following topics:

- Multisource monitoring data integration
- Geo-hazard detection
- Disaster catalog compilation
- Parameter inversion
- Innovative InSAR applications
- Advanced InSAR algorithms

Guest Editors

Dr. Chisheng Wang

Dr. Bochen Zhang

Dr. Chuanhua Zhu

Dr. Biao Lu

Deadline for manuscript submissions

closed (20 January 2024)

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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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