remote sensing

an Open Access Journal by MDPI

IMPACT FACTOR 4.1

CITESCORE 8.6

Volcanic Processes Monitoring and Hazard Assessment Using Integration of Remote Sensing and Ground-Based Techniques

Guest Editors:

Dr. Sonia Calvari

Dr. Alessandro Bonaccorso

Dr. Annalisa Cappello

Dr. Flora Giudicepietro

Dr. Eugenio Sansosti

Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

Volcanoes are complex systems that deserve a multidisciplinary monitoring effort in order to carry out appropriate and timely hazard assessments. In recent years, a number of monitoring techniques based on remotely sensed data have been implemented that enable obtaining synoptic views over the monitored areas. On the other hand, ground-based methods provide punctual, yet more accurate, measurements that complement remotely sensed parameters.

We are seeking contributions that integrate the use of remote sensing and ground-based data, with particular focus on and reference to volcanic processes monitoring and related hazard assessment. In particular, contributions that contain the intersection of and integration between the various terrestrial geophysical monitoring techniques (i.e., seismic, ground deformation), remote sensing both from the ground (i.e., thermal analysis, gas geochemistry) and from satellite (i.e., InSAR, thermal analysis, etc.) are welcome and strongly encouraged.

Dr. Sonia Calvari
Dr. Alessandro Bonaccorso
Dr. Annalisa Cappello
Dr. Flora Giudicepietro
Dr. Eugenio Sansosti
Guest Editors

mdpi.com/si/47485

Special Issue

remote sensing

IMPACT FACTOR 4.1

CITESCORE 8.6

an Open Access Journal by MDPI

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

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.

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)

Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
𝕏@RemoteSens_MDPI