Special Issue

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

Message from the Guest Editors

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.

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)



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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 peerreview 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

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