



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

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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.

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Guest Editors





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