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Remote Sensing of Volcanic Processes and Risk

Guest Editors:

Dr. Francesca Cigna

Dr. Deodato Tapete

Prof. Dr. Zhong Lu

Dr. Susanna K. Ebmeier

Deadline for manuscript submissions:
closed (30 April 2019)

Message from the Guest Editors

This Special Issue will gather original research articles, reviews, technical notes and letters on the use of satellite, aerial and ground-based remote sensing data and methods to sense volcanic processes (e.g., deformation, lava and pyroclastic flows, gas emissions and plumes), and assess the associated hazard and risk.

Keywords

- volcano deformation
- gas emissions
- magma accumulation
- edifice growth and collapse
- inflation and deflation
- volcano monitoring
- volcanic unrest
- lava flows
- pyroclastic flows
- ash plumes
- SAR imaging
- radar interferometry, InSAR
- multispectral and hyperspectral imaging
- thermal imaging
- photogrammetry
- LiDAR

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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

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

Tel: +41 61 683 77 34
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remotesensing@mdpi.com
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