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Monitoring Geohazard from Synthetic Aperture Radar Interferometry

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Message from the Guest Editors

This Special Issue calls for papers dealing with monitoring, mapping, analyzing, and modeling natural and human-induced geohazards, as well as the mitigation of geohazards and risk assessment by the use of satellite SAR Interferometry.

This Special Issue invites both research papers and review articles on recent advances in SAR/InSAR applications for ground deformation monitoring, as well as advances in mechanism interpretation of geological processes based on time-series deformation measurement, and integration of InSAR data with other geodetic observations (e.g., GPS, leveling).

Themes welcome in this Special Issue include, but are not limited to:

- Landslides;
- Volcanic processes;
- Land subsidence;
- Sinkholes;
- Mining activities;
- Seismic and tectonics;
- Structures or cities affected by geohazards.



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Message from the Editor-in-Chief

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