Special Issue

Remote Sensing of Geothermal and Volcanic Environments

Message from the Guest Editors

Depending on the scale of expected or observed phenomena of a given active volcanic or geothermal area, many varied observations of their evolution may be useful in understanding any possible changes in their background state of activity or sudden unexpected extreme manifestations, which are difficult to record on site. Sometimes, such areas may actually be unreachable for direct human surveys due to remoteness from civilization or hazardousness for researchers. The proposed Special Issue will focus on techniques, methods, datasets, and results arising from remote sensing, with acquisition ranging from terrestrial, UAV, or airborne sensors to satellite data. Examples of potential contributions include—but are not limited to—the following:

- Mapping of thermal anomalies;
- Aerophotogrammetric reconstructions and volumes assessments;
- Structural mapping or 3D reconstruction of morphology;
- Gas column mapping;
- Paroxysmal explosions and pressure blasts observations;
- Lava flow fields evolution;
- Geothermal and geochemical monitoring of active areas.

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About the Journal

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 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.

Editor-in-Chief

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