Special Issue

Mapping and Monitoring of Geohazards with Remote Sensing Technologies II

Message from the Guest Editors

Earth observation (EO) techniques have proven to be reliable and accurate for monitoring land surface deformations occurring naturally (landslides, earthquakes, and volcanoes) or due to anthropogenic activities (ground water overexploitation, extraction of oil and gas). In cases where mitigation methods must be put into practice, the detailed mapping, characterization, monitoring and simulation of the geocatastrophic phenomena have to precede their design and implementation. EO techniques possess high potential and suitability as alternative, cost-efficient methods for the management of geohazards, and have been proven to be valuable tools for verifying and validating the spatial extent and the evolution of the deformations. To this extent, in the current Special Issue, submissions are encouraged that cover innovative applications and case studies on the mapping and monitoring of all kinds of geohazards with remote sensing technologies. Submissions that make use of new tools and methodologies, including the use of data-driven machine learning methods, are encouraged.

Guest Editors

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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 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.

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