Special Issue

Ground Deformation Patterns Detection by InSAR and GNSS Techniques (3rd Edition)

Message from the Guest Editors

The rapid development of multi-GNSS constellations (GPS, GLONASS, BDS and Galileo) and improvements in InSAR imaging allows for the acquisition of both continuous and spatially extensive datasets over large regions of the Earth. These datasets are able to capture, with high resolution, the deformations occurring at various spatial and temporal scales, therefore providing important constraints on ongoing crustal processes. Moreover, these datasets are also used to study the active volcanoes, as well as the seismic deformation fields related to large earthquakes and the detection of subsidence associated with the extraction of mineral resources. Novel techniques such as GNSS reflectometry have shown a high potential to provide valuable information on ocean, land, or the cryosphere. Advanced InSAR processing techniques are currently enabling the production of high-quality maps of wide areas characterized by rapid changes such as the ones damaged by earthquakes, fires, floods, etc.
This Special Issue aims to provide a complete state-of-the-art description of all the topics mentioned above. Review contributions as well as papers describing new measurement concepts/sensors are welcomed.

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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