Special Issue

Scaling-Up Deformation Monitoring and Analysis

Message from the Guest Editors

Remote sensing based on synthetic aperture radar and/or multispectral data for mapping ground deformation has nearly become a commodity in the last few years. Conventional satellite interferometry, multiple aperture interferometry, offset tracking, persistent scatterer interferometry, small baseline subset, co-registration, and correlation of optical imagery, to name a few, have grown to become mature techniques for ground deformation assessment.

This Special Issue focuses on the implementation of novel techniques with high potential for mapping, monitoring, and analyzing deformations on a large scale, on a timely basis, and with high precision in the measured deformation patterns. There are no restrictions on the driver of the deformation, the methodology for the data processing, and/or the data type (radar or optical). The novelty should lay in the scale of the application and the potential to unveil new information about the observed deformations through the analysis of big satellite data.

For more information:
https://www.mdpi.com/si/30305

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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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