Special Issue

InSAR for Earthquake Deformation Observation

Message from the Guest Editors

As one of the most dangerous geohazards in the world, earthquakes pose great threats to human life, property, and economic and social developments. Interferometric synthetic aperture radar (InSAR), characterized by the performance of measuring high-resolution, small gradient of deformations in a large coverage without any ground auxiliary, has been developed as a routine technique for the monitoring of earthquakes. For this Special Issue, we are soliciting contributions covering the methods, applications and reviews of InSAR observations based on the

monitoring/interpretation/modeling of any stage of the earthquake cycle (i.e., inter-seismic, co-seismic, and post-seismic periods). The InSAR observations referred to here include both the phase and amplitude information from spaceborne, airborne, and groundbased SAR sensors and their combinations with other geodetic and remote sensing measurements. The abovementioned issues represent a portion of possible topics in which we are interested, but the list is not exhaustive. Other significant contributions with related to InSAR are also welcome.

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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 peerreview 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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