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 ground-based 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.

Guest Editors

Prof. Dr. Jun Hu

School of Geosciences and Info-Physics, Central South University, Changsha 410083, China

Dr. Teng Wang

School of Earth and Space Sciences, Peking University, Beijing 100871, China

Deadline for manuscript submissions

closed (15 February 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/93072

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

About the Journal

Message from the Editorial Board

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.

Editors-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

MDPI