Special Issue

InSAR Imaging of Coastal Geohazards

Message from the Guest Editors

There are about 300,000 kilometers of coastlines in the world. Almost half the world's population lives in coastal regions, which makes coastal cities the important economic and social centers in a country. On one hand, high-rise buildings, land reclamation, human-made islands, and underground constructions are widely developed to extend the living space. On the other hand, rising sea levels, coastal erosion, and increasing underground resource extraction make coastal regions vulnerable to the effects of natural and anthropogenic hazards. The aim of this Special Issue is to publish scientific articles exploring coastal geohazards through the use of spaceborne, airborne, and ground-based SAR images. Topics may include algorithms. applications, mechanism studies, and hazard assessment and mitigation methods regarding diverse geohazards in coastal regions.

Guest Editors

Prof. Dr. Chaoying Zhao

School of Geological Engineering and Geomatics, Chang'an University, Xi'an 710054, China

Prof. Dr. Zhong Lu

Roy M. Huffington Department of Earth Sciences, Southern Methodist University, Dallas, TX 75275, USA

Deadline for manuscript submissions

closed (15 May 2024)



an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



mdpi.com/si/135815

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

mdpi.com/journal/remotesensing





an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



About the Journal

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 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.

Editor-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

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)

