

Special Issue

Earthquake Disaster Monitoring Using Remote Sensing Image Processing and Geophysical Techniques

Message from the Guest Editors

The continuous threat of earthquake events makes the constant and meticulous monitoring of tectonic processes a necessity for earthquake hazard reduction and mitigation. For earthquake hazard related investigations, the use of remote sensing and geophysical tools is an established methodological element. Mapping and detecting the earthquake source, and post-earthquake damage mapping using remote sensing and geophysical techniques, plays a significant role in earthquake disaster risk estimations and managements. Lately, advances in geophysical and remote sensing techniques have elevated the efficiency of earthquake disaster mapping and prediction. In this Special Issue, we are focusing on the application of remote sensing and geophysical techniques and tools to anything from earthquake disaster monitoring using its spatial distribution, coseismic surface rupture and environmental effects mapping, characterization of fault structures, fault slip-rates, as well as overall tectonic processes from diverse tectonic settings. Consequently, multiscale approaches or studies focused on remote sensing and geophysical techniques for earthquake hazard monitoring, and predictions are welcome.

Guest Editors

Dr. Sambit Prasanajit Naik

Dr. Young-Seog Kim

Dr. Abdelrahman Khalifa

Dr. Debasis D. Mohanty

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

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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

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