

Special Issue

Latest Improvements and Applications of Ground Deformation Monitoring Based on Remote Sensing Data

Message from the Guest Editors

By utilizing remote sensing techniques, such as Synthetic Aperture Radar Interferometry (InSAR) and GNSS (Global Navigation Satellite System), precise measurements of land surface deformation can be obtained, revolutionizing our ability to monitor and understand surface deformation, and providing valuable insights into various geophysical processes. The latest developments in remote sensing technologies and applications continue to expand our capabilities in monitoring and analyzing surface deformation, leading to advancements in various fields of study and practical applications. This Special Issue aims to include studies introducing new algorithms or new applications of remote sensing data, including the processing the data from airborne or spaceborne sensors, such as SAR, GNSS, optical images and Lidar. Therefore, studies concerned with remote sensing techniques for surface deformation monitoring, applications of surface deformation monitoring, data processing and analysis and case studies are welcome.

Guest Editors

Dr. Sen Du

Dr. Jordi J. Mallorquí

Dr. Feng Zhao

Dr. Joaquín Escayo Menéndez

Deadline for manuscript submissions

closed (15 November 2024)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/181491

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

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



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 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.

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)