



Remote Sensing and GIS-Based Innovative Techniques for Confronting Land Subsidence and Landslides

Guest Editors:

Prof. Dr. Andreas Tsatsaris

Dr. Emmanouil Economou

Prof. Dr. Christos Chalkias

Dr. Vyron Antoniou

Dr. Kleomenis Kalogeropoulos

Dr. Nikolaos Stathopoulos

Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

Dear Colleagues,

Land subsidence is representing an ongoing problem affecting millions of people worldwide. Losing surface elevation can lead to structural damage to infrastructure and buildings, natural areas, or agricultural loss.

Radar and optical remote sensing along with GIS data are frequently used for supporting landslide risk management and monitoring due to their multispectral and textural characteristics, wide area coverage, and high spatial resolution. Therefore, this Special Issue invites article submissions on a wide variety of remote sensing and GIS along with data analytics and techniques implemented for monitoring land subsidence and landslides.

Original and high-quality research and review papers by both stakeholders and researchers around the world using Remote Sensing and GIS-based innovative techniques will be accepted, focusing on topics such as:

- Subsidence
- Landslides
- land subsidence and landslide mitigation
- land subsidence and landslide recovery
- land subsidence and landslide impact
- land subsidence and landslide modeling
- Case studies





an Open Access Journal by MDPI

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

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.

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)

Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)