



Leveraging on SAR Imagery for Landslide Detection and Monitoring

Guest Editors:

Dr. Andrea Manconi

ETH Zurich, Dept. of Earth
Sciences, Sonneggstrasse 5, 8092
Zurich, Switzerland

Dr. Alessandro Cesare Mondini

Istituto di Ricerca per la
Protezione Idrogeologica (IRPI),
National Research Council, Via
della Madonna Alta 126, Perugia,
Italy

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

The use of SAR data acquired from different platforms (terrestrial, airborne, UAVs, spaceborne, etc.) for the detection, analysis, and monitoring of landslides has increased exponentially. This trend is expected to continue in future, and thus, the development of methods for efficient exploitation of SAR imagery is crucial. In this Special Issue, we aim at collecting papers dealing with topics ranging from regional mapping to local surveys and monitoring applications, where SAR data have been the key for a better understanding and interpretation of the landslide processes. Contributions highlighting the benefit of SAR vs. other data sources are welcomed, as well as papers dealing with new approaches specifically developed to extract detailed information related to landslide phenomena from large data archives, combining different data sources, and/or performing validations with recognized standards.





an Open Access Journal by MDPI

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

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.

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, Grosspeteranlage 5
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)