



## Remote Sensing of Engineering Geological Science

Guest Editors:

**Prof. Dr. Francesca Bozzano**

Department of Earth Sciences  
and Research Centre for  
Geological Risks (CERI),  
University of Rome "Sapienza",  
Rome, Italy

**Prof. Dr. Paolo Mazzanti**

Department of Earth Sciences,  
University of Rome "Sapienza",  
Rome, Italy

Deadline for manuscript  
submissions:

**closed (31 January 2020)**

### Message from the Guest Editors

Over the last decades we have experienced a huge increase in population, the direct consequence of which is a growing interaction between mankind and the natural geological system.

Today, remote sensing is an essential tool for applied disciplines like engineering geology, as it may allow us to quantitatively support the investigation of surface geological processes and evaluate their implications for civil engineering practice and natural resource exploitation (mining, oil and gas, hydropower, geothermal energy, etc.).

The aim of this Special Issue is to collect contributions at an international level describing innovative applications of different remote sensing technologies (e.g. optical and multispectral sensing, photogrammetry, digital image correlation, laser scanning, GNSS, InSAR/DInSAR/A-DInSAR) for the investigation and monitoring of engineering geological issues. Special attention will be paid to the impact of ground deformation induced by landslides, subsidence/uplift, settlements, seismicity, volcanism, glaciers, snow avalanches to the management and sustainable development of human structures, infrastructures and natural resources.





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, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)