remote sensing

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# Remote Sensing in Engineering Geology - II

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Deadline for manuscript submissions:
**closed (1 December 2023)**

## Message from the Guest Editors

Dear Colleagues,

The use of remote sensing for the investigation of geological or geotechnical engineering problems has significantly increased. The availability of high spatial and temporal resolution datasets from aerial and satellite, and the use of UAV (drones) for data collection has accelerated the adoption of remote sensing in geosciences and geoengineering. The commonly used sensors and techniques include LiDAR, SAR, hyper-spectral, multi-spectral, and photogrammetry, which are being used for problems related to ground subsidence, slope monitoring, hydrogeology, site characterization, coastal engineering, erosion, and geo-hazard studies.

This Special Issue invites high-quality and innovative scientific papers that advance the science of remote sensing in solving problems related to engineering, geology and geoscience. These could include analyzing and monitoring landslides and volcanos, the characterization of rock masses and geotechnical sites, ground deformation analyses, and mining applications. Special consideration will also be given to the use of GIS, big datasets, and AI- and machine learning-based methods for remotely sensed data processing and modeling.

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## Editor-in-Chief


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## 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.

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