Special Issue

Earth Observations for Land Subsidence Identification, Monitoring and Their Contribution to Modeling II

Message from the Guest Editors

Land subsidence is a major problem that occurs worldwide and exponentially growing. The advances in geodetic satellite technologies and remote sensing enable excellent Earth observation capabilities and inherit invaluable ground movement legacy. For instance, Global Navigation Satellite Systems (GNSS) are widely used to establish continuously operating reference stations (CORS). In addition, the Interferometric Synthetic Aperture Radar (InSAR) is also used for mapping land subsidence through the phase difference of the radar images. This Special Issue welcomes high-quality research and studies that address the most recent advancements, including but not limited to:

- Monitoring, identification, prediction, and analysis of land subsidence using GNSS positioning.
- Change detection techniques based on satellite and terrestrial remote sensing imageries and digital image correlation
- InSAR technology for geophysical surface deformation due to Volcanoes, landslides, earthquakes, and glaciers
- Advanced land subsidence methodologies and integration with hydrological and metrological models

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)

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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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