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Remote Sensing of Engineering Geological Science

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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.

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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.

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