Special Issue

Remote Sensing for Characterization, Monitoring and Early Warning of Natural and Engineered Slopes

Message from the Guest Editors

This Special Issue is aimed at, but not limited to, research papers illustrating the results of integrated remote sensing campaigns that allowed gaining crucial insights into the dynamics and fundamental characteristics of landslides and potentially unstable slopes in general. Papers describing the experimental use of new sensors and data processing techniques are also greatly welcomed, as well as papers conjugating the results of remote sensing campaigns with numerical modelling of landslide processes. We also encourage papers describing practical applications of novel remote sensing techniques. Emphasis may be put on a wide range of topics and applications, including slope displacement monitoring, acquisition and advanced processing of high resolution point clouds, automatic detection of rock mass discontinuities and related properties, rock mass quality assessment, digital image correlation techniques, quantification of depletion and accumulation rates related to landslide activity, estimation of landslide volume and slip surface depth, retrieval of the runout behavior of past landslides, etc.

For more information:
https://www.mdpi.com/si/65217

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Deadline for manuscript submissions

closed (30 April 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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