

## Special Issue

# Multiplatform and Multisensor Applications for Landslide Characterization and Monitoring

### Message from the Guest Editors

Nowadays, active landslides can be identified and monitored via several imaging platforms, ranging from terrestrial to crewed/uncrewed aerial vehicles or spaceborne satellites. Despite the imaging sensing method adopted, the scientific community has extensive options in terms of image processing algorithms, which have been developed to detect changes and/or derive spatially distributed displacements over time. The vast number of combinations of sensors and platforms, coupled with the significant range of geometric and temporal resolution, can lead to countless applications. Such tools, when integrated with ground truth datasets, increasingly provide new solutions for landslide monitoring and interpretation. Moreover, integrating these high-tech imaging and processing tools with rigorous ground truth datasets has revolutionized the methods via which landslides can be monitored and interpreted. In this Special Issue, papers dealing with landslide characterization and monitoring and/or technical papers presenting innovative image processing algorithms applied to ground displacement analysis/observation are welcome.

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### Guest Editors

Dr. Stratis Karantanellis

Dr. Marco Mulas

Dr. Giuseppe Ciccacese

Prof. Dr. Paolo Mazzanti

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### Deadline for manuscript submissions

15 March 2025



## Remote Sensing

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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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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