

Special Issue

Remote Sensing and GIS for Geomorphological Mapping

Message from the Guest Editors

Geomorphological mapping is a key technique for the understanding of hazardous terrains, the quantification of risks to the built environment, and for a better understanding of geomorphological processes at different spatial and temporal scales. Remote sensing and GIS technologies have long provided the ability to create robust geomorphological models and have been critical to how we understand and manage our environment.

Advances in satellite, drone, and proximal remote sensing mean that geomorphologists now have access to a huge variety of data, including multispectral, hyperspectral, radar, and laser-derived imagery, much of it with excellent ground calibration and archival libraries. Associated developments in GIS, such as online access and software integration, have further improved our understanding of, for instance, geomorphological processes such as landsliding, karstification, volcanic activity, or coastal change. Such tools have also changed the ways in which such advances are communicated with end-users.

This Special Issue invites papers describing new advances and case studies in the use of satellite, drone, or proximal remote sensing for geomorphological mapping.

Guest Editors

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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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