Special Issue

Remote Sensing in Development of Rapid Landslide Detection and Mapping Scenarios

Message from the Guest Editors

A detailed and complete inventory of landslides is necessary to advance the quality and knowledge of landslide hazard assessment, as the lack of basic spatial distribution information hinders the opportunity for landslide susceptibility, hazard, and risk studies.

Now, more than ever, remote sensing data play a big role in detecting and mapping landslides over large areas. With recent advancements in technologies such as UAVs, high-spatiotemporal resolution satellite images, microwave-based SAR images coupled with the state-of-the-art machine learning tools, the application of mapping landslides and generation of inventories has become convenient and easy.

We believe that with the constant improvement in quality research based on your submissions, the advancements in this field can be greatly boosted and that your contributions can bridge the existing research gaps. Therefore, we would like to invite you to submit one or more research and review articles to be published in this Special Issue. Submissions are encouraged to cover a range of topics on the applications of rapid landslide mapping with a diverse choice of remote sensing data.

Guest Editors

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Prof. Dr. Filippo Catani

Dr. Mario Floris

Dr. Yunus P. Ali

Deadline for manuscript submissions

closed (15 July 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.

Editor-in-Chief

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