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Remote Sensing in Development of Rapid Landslide Detection and Mapping Scenarios

Guest Editors:

Dr. Sansar Raj Meena

Prof. Dr. Filippo Catani

Dr. Mario Floris

Dr. Yunus P. Ali

Deadline for manuscript submissions:
closed (15 July 2023)

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.

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Editors-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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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Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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remotesensing@mdpi.com
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