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Remote Sensing of Earthquake Engineering and Earthquake-Triggered Landslides and Displacement Monitoring

Guest Editor:

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Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

The improvement of UAV technology and the deployment of cube satellites have reduced the waiting time for acquiring remote sensing images from weeks to hours. More detailed pre-event imagery and near real-time post-event data are now available that can detect the co-event phenomena globally. A minimized data tasking time across the event should capture only the co-event displacement, which is important in carrying out validation with the numerical model output. Earthquakes also induce multiple types of hazards, such as liquefication, that could be detected by remote sensing.

The Special Issue welcomes papers on all of the remote-sensing-related techniques applied for earthquake reconnaissance or damage assessment, or triggered landslide displacement monitoring/early warning, or displacement field measurement/monitoring. Research on either the spatial or temporal changes regarding those topics detected by any type of remote sensing platforms is also wanted. Any proof of concept/technology articles regarding this topic are also welcome, as well as case studies with significant impact or unique phenomena illustrations.

Dr. Teng-To Yu
Guest Editor

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Special Issue

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Editor-in-Chief

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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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