Special Issue

Land Deformation and Engineering Structural Health Monitoring Using Geo-Spatial Technologies

Message from the Guest Editors

Land deformation could be result from a geo-hazard event or can serve as an early warning sign for an upcoming catastrophic landslide or subsidence. It is a location-based phenomenon that possesses temporal variation as well. The deformed land causes damage to engineering structures, and the examination of their health condition is also a challenging task after any major hazard event. GIS, free satellite images, and radar data, as well as drone deployment, make the spatial technology not just easy to access but also popular. Deformation patterns or trends could be established by machine learning, and thus the failing engineering structure can be precisely located in a very short time after the event. Any studies on methods or technology that are related to this topic are highly welcome to be submitted to this Special Issue, and case reports are also welcome.

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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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