Special Issue

Assessing Natural Hazards through Advanced Machine Learning Methods and Remote Sensing Technology II

Message from the Guest Editors

In recent years, Machine learning (ML) algorithms, which includes algorithms and methods that are based on the concept of fuzzy and neuro-fuzzy logic, decision tree models, artificial neural networks, deep learning, ensemble methods and evolutionary algorithms, along with GIS and RS technology, have been proposed as alternative investigation tools for natural risk phenomena, susceptibility and hazardous mapping. Potential topics of interest (but not limited to) include regional or global case studies concerning natural risk phenomena prediction and assessment, software development and implementation of machine learning, optimization, deep learning techniques, and meta-heuristic algorithms. Specifically, this Special Issue aims to cover, without being limited to, the following areas:

- Monitoring, mapping and assessing earthquakes, landslides, floods, wildfires, soil erosion, and land subsidence.
- Evaluating loss and damage after earthquakes, floods, landslides, wildfires, soil erosion, and land subsidence.

Guest Editors

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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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