Special Issue

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

Message from the Guest Editors

In recent years, machine learning (ML), 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 and evolutionary algorithms, along with GIS and RS technology, have been proposed as alternative investigation tools for natural risk phenomena, susceptibility and hazardous mapping. This Special Issue aims to provide an outlet for peer-reviewed publications that implement state-of-the-art methods and techniques incorporating RS technology, ML methods and GIS so as to map, monitor, evaluate and assess natural hazards. Potential topics of interest include, but are not limited to the following areas:

- Monitoring, mapping and assessing earthquakes, landslides, floods, wildfires and soil erosion;
- Evaluating the loss and damages after earthquakes, floods, landslides, wildfires and soil erosion.

Haoyuan Hong

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Deadline for manuscript submissions

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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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