Special Issue

Spatial Modelling of Natural Hazards and Water Resources through Remote Sensing, GIS and Machine Learning Methods

Message from the Guest Editors

Along with GIS, RS appears as the most significant and advanced technology for spatial and temporal data manipulation and advanced modeling. ML methods have been reported as highly sophisticated methods for classification and regression problems. 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 and water resources. This Special Issue aims to cover, without being limited to, the following areas:

- Hydrologic and hydrogeological modeling of surface water;
- Groundwater monitoring;
- Groundwater spring potential mapping;
- Evaluating loss and damages after earthquakes, floods, landslides and wildfires;
- Monitoring, mapping, and assessing earthquakes, landslides, floods, and wildfires.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)

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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.

Editor-in-Chief

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