Special Issue

Remote Sensing for Geo-Hydrological Hazard Monitoring and Assessment

Message from the Guest Editors

Natural hazards in Earth's environments are always closely linked to anomalies in the hydrological cycle. These include, but are not limited to, droughts and flash floods; debris flows/landslides; and even tectonic earthquakes. Remote sensing plays an ever-increasing role in improving our understanding of Earth's system hydrology. Regarding research method, this volume welcomes new (e.g., machine learning), as well as established, statistical methods. Applications of remote sensing methods in documenting global and regional endemic natural hazards are especially welcome. In addition to its pedagogic value, this volume will represent a collection of papers showcasing actionable scientific outcomes for decision makers. As , I will assist the authors in refining their papers and improving the quality of their contribution. For this Special Issue, we would like to gather cutting-edge research investigating the following topics from the perspective of remote sensing:

- Extreme precipitation with atmospheric rivers;
- Mudslides/landslides;
- Tectonic earthquakes around the world and their connection with large-scale hydrological cycles.

Guest Editors

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Remote Sensing

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About the Journal

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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