Special Issue

Remote Sensing of Floods: Progress, Challenges and Opportunities

Message from the Guest Editors

This Special Issue of *Remote Sensing* aims to invite original research and review articles on the progress, challenges, and opportunities in remote sensing of floods. The potential topics are as follows:

- Mapping and monitoring floods using multi-sensor remote sensing;
- Mapping and monitoring floods using sensor fusion;
- Mapping flood dynamics using remote sensing;
- Application of microwave and optical remote sensing for studying riverine flooding;
- Application of microwave and optical remote sensing for studying coastal flooding;
- Application of remote sensing for studying flash flooding;
- Machine learning/deep learning in remote sensing of floods;
- Remote sensing of floods using moderate and high-resolution imagery;
- Remote sensing of floods using aerial/air-born/UAV imagery;
- Integration of remote sensing with hydrodynamic models for flood simulation and prediction.

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Deadline for manuscript submissions

closed (26 May 2024)

MDPI

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.

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