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Remote Sensing for Surface Water Monitoring

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Surface water is a key component to the global hydrologic cycle and water balance. Remote sensing plays a crucial role in monitoring the spatiotemporal dynamics of surface water at a range of scales, but there are still many challenges in theories, methods, and applications. This Special Issue aims to compile state-of-the-art research that addresses various aspects of surface water monitoring by remote sensing. Topics of interest include but are not limited to:

- Algorithms for surface water mapping with various remote sensing data at different scales;
- Methods to address the cloud/shadow contamination problem for surface water monitoring;
- Approaches to fusing multisource remote sensing data for surface water monitoring;
- Spatiotemporal dynamics of surface water in local to global scales;
- Applications of surface water monitoring in lakes, reservoirs, ponds, rivers, and wetlands.

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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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