



## Remote Sensing for Surface Water Monitoring

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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

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