



Remote Sensing for Hydrological Management

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Message from the Guest Editors

Remote sensing can be used for hydrological management in the following ways: (1) the data can be used for monitoring and forecasting hydrological elements itself, and (2) the data can be used as input for hydrological models, as well as to calibrate and validate hydrological models in data-scarce regions. This Special Issue aims to leverage the potential of remote sensing technologies to study key hydrological parameters, including precipitation, soil moisture, evapotranspiration, snow cover, water quality, and water quantity. We seek contributions on a range of topics, including the role of remote sensing in enhancing hydrological monitoring and prediction, monitoring hydrological extremes, evaluating water quality, and managing hydrology and water resources. The Special Issue will also include studies on evaluating remote sensing products under hydrological models and improving hydrological model predictions by calibrating and validating the models using remote sensing products. Submissions on other relevant thematic areas that leverage remote sensing technologies for improved hydrological management are also welcome.





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Message from the Editor-in-Chief

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