Special Issue

Remote Sensing for Hydrological Management

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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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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