



Remote Sensing for Streamflow Simulation

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Message from the Guest Editors

The purpose of the proposed special issue on “Remote Sensing for Streamflow Simulation” is to present an integrated approach to streamflow modelling that incorporates and combines new hydro-meteorological information including satellite-based, airborne and ground-based observations, so as to foster a scientific framework for better understanding the impact of climate and social-environmental change on water resources. Topics to be addressed include but are not limited to the following.

- Use of in situ and remote sensing observations of hydrologic processes for a better simulation of streamflow
- Downscaling of large-scaled remote sensing observations for local streamflow simulation
- Physically or statistically-based or their combined models could be developed and employed to simulate streamflow, dealing with their associated uncertainties; hydrological models with the use of satellite-based products are particularly welcome.
- Remote sensing of precipitation and its relationship with streamflow under changing climate





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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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