

Special Issue

Hydrometeorological Modelling Based on Remotely Sensed Data

Message from the Guest Editors

In the present day, remotely sensed data are widely used in Earth science. In particular, they have been used to evidence the effect of the warming climate on accelerating the hydrological cycle and intensifying hydrometeorological extremes. The high frequency of record-breaking hydrological hazards in recent years has caused devastating impacts on human societies and the ecosystem. A deeper understanding of the hydrological cycle and hydrological hazards in a warming world can greatly improve mitigation measures against hydrological disasters and alleviate their damaging effects on society. This Special Issue aims to share innovative ideas and solutions to advance scientific knowledge of climate impacts on the water cycle; improve the prediction or projection of hydrometeorological extremes based on remotely sensed data, in situ observations and reanalysis data; and alleviate the impacts of record-breaking water extremes on society.

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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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