



Hydrometeorological Modelling Based on Remotely Sensed Data

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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

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