Special Issue

Hydrometeorological Observation and Modeling

Message from the Guest Editor

The overall objective of this Special Issue is to improve knowledge on developing and using observational and modeling frameworks for hydrometeorological applications. The goal is to develop a resource that documents the latest research and technology for hydrometeorological monitoring and prediction. Contributions to this Special Issue should explore new research, technology, and application development on areas including but not limited to coupled atmospheric–hydrologic prediction on watershed to large river basin spatial scales and from flash flood to seasonal temporal scales. Of particular interest are innovative solutions for low-cost, reliable, and open-source modeling and observation solutions for both real-time monitoring and prediction capabilities. Publications in the Special Issue will be of great value for academia, applied research institutions, and for emergency monitoring stakeholders. There should be additional social benefits from research papers, especially for the least-developed, vulnerable regions of the world. We invite authors to submit manuscripts for these and other related hydrometeorological modeling and observational-related topics.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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