Special Issue

Advances in Flood Forecasting and Hydrological Modeling

Message from the Guest Editors

Flood is one of the most serious natural disasters all over the world, and flood forecasting and prevention are the most important non-engineering measures for flood control and disaster mitigation. Hydrological processes are nonstationary and are subject to environmental change, which could significantly alter the frequency distribution of floods. Watershed flood simulation is a focus of flood analysis and prediction, and is a fundamental issue in flood control and disaster reduction. Recently, many studies have established intelligent algorithm precipitation-driven watershed flood hydrological and hydraulic coupled forecasting models for forecasting experiments. The aim of this Special Issue is to draw together the latest research in flood risk and hydrology simulation [...] For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/Flood _Forecasting_Hydrological

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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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