Special Issue

Application of Numerical Models and Data-Driven Intelligent Systems in Flood Forecasting

Message from the Guest Editors

We look forward to receiving contributions in the form of research articles and reviews for this Special Issue. Specific topics of interest include but are not limited to the following:

- Smart Flood Forecasting System Using IoT & AI
- Comparative Studies of Very Short-Term Flood Forecasting Using Physics-Based and Data-Driven Prediction Models
- Flood Forecast and Early Warning with High-Resolution Ensemble Rainfall from Numerical Weather Prediction Model
- Application of Numerical Models for Improvement of Flood Preparedness
- An Operational High-Performance Forecasting System for City-Scale Pluvial Flash Floods
- Improving Operational Flood Forecasting Using Data Assimilation
- Flood Prediction Using Machine Learning Models

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Deadline for manuscript submissions

closed (10 May 2022)

About the Journal

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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