Special Issue

Editorial Board Members' Collection Series: The Flood Estimation and Forecasting Chain: Meteorological–Hydrological–Hydraulic Forecasts and Predictive Uncertainty towards Operational Decisions

Message from the Guest Editors

In this Topical Collection, we welcome the submission of original and innovative research papers focusing on modeling and monitoring aspects related to the whole flood estimation and forecasting chain, in order to address water resource management issues and use the available information to reduce the uncertainty in the estimations as much as possible. Additionally, opportunities arising from new sources of remotely sensed information, which can also be linked to informal unstructured data (e.g., social networks), citizen science approaches and low-cost sensors, among others, are welcomed. We expect that this Topical Collection will reduce the uncertainty in the determination of design variables linked to water cycle processes and features considered in different meteorological, hydrological and hydraulic processes related to the whole flood estimation and forecasting chain.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Hydrology is the study of the waters of the Earth. *Hydrology* has close ties with hydraulics, hydrogeology and the multiple sciences that study the atmosphere, the land surface, the soil and the subsoil, and ranges from complex problems of risk, forecasting and optimization of water resources to interactions with ecological, urban, social and economic systems. The purpose of *Hydrology* is then to provide a journal where research results and real-world problems can be presented and discussed in order to bridge the traditional gaps between the academic world and the professionals and decision makers. Therefore, *Hydrology*, invites authors to submit their original theoretical, field, experimental, and numerical studies on hydrology with strong emphasis on multidisciplinary approaches and interdisciplinary topics, which cross the typical boundaries of our science.

Editor-in-Chief

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