

Special Issue

Advance in Flood Risk Management and Assessment Research

Message from the Guest Editor

The purpose of this Special Issue is to exchange knowledge in the field of flood and flood-risk modelling and assessment, the design of preventive measures to reduce flood risk in the threatened area, issuing warnings about the current threat of flooding, and the support of the liquidation of the consequences of the flood—all this supported by modern technologies collecting data on areas potentially at risk of floods, climate, and current weather conditions. We encourage authors to share their knowledge, experience, and achievements regarding the impact of climate change and human activity on flood risk, the use of modern in situ and remote data acquisition tools, the accuracy of measurements, the interaction between floods and populated areas, the assessment of the impact of human activity on flood risk, the modelling of flood risk distribution in space and time using modern approaches like signal processing, computational intelligence and machine learning, and new methods for early warning, [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/flood_management_assessment

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Deadline for manuscript submissions

closed (31 October 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

Dr. Jean-Luc PROBST

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