

Special Issue

Flood Risk Identification and Management, 2nd Edition

Message from the Guest Editor

Floods, as one of the most common natural disasters around the world, cause serious economic loss and even human fatalities. Moreover, there are many uncertainties associated with flood forecast and management that induce risks in flood control decision making. Therefore, risk identification and management are crucial to mitigate flood hazards and disasters in river basins. Topics of interest for this Special Issue include, but are not limited to, the following:

- Understanding and methodologies for risk identification with respect to flood, flood forecast, flood control operation, and decision making;
- Flood forecast and operation methodologies dealing with uncertainties and risks;
- Risk analysis methods and models for flood, as well as flood forecast, operation, and decision making;
- Risk management measures and methods to mitigate flood hazards and disasters considering uncertainties. [...]

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

https://www.mdpi.com/journal/water/special_issues/YN88Q3QP7R

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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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