

Special Issue

Flood Risk Assessment on Reservoirs

Message from the Guest Editors

Flood is an extreme hydrological process in climatic events. Assessing flood risks is critical for flood hazard mitigation and prevention. In the context of global climate change, extreme meteorological and hydrological events are widespread and frequent. In response to climate change, the support capacity of small- and medium-sized reservoirs is obviously insufficient. On the basis of systematically identifying the flood control risk of small- and medium-sized reservoirs, it is also very important to strengthen flood control dispatching and flood control early warning.

We invite submissions including, but not limited to, the following topics:

- Comprehensive flood risk assessment for reservoirs;
- Reservoir flood dispatching risk possibility analysis;
- Risk assessment index system of reservoir flood dispatching;
- Reservoir flood dispatching risk comprehensive evaluation model;
- Flood forecasting of small reservoirs;
- Flood warning of small reservoirs;

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2025)



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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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