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## Water Engineering Safety and Management

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (25 February 2025)**

### Message from the Guest Editors

Dear Colleagues,

A large amount of water engineering infrastructure, such as dams, embankments, and channels, was built to provide important societal and economic benefits related to flood control, power generation, water supply, etc. It is particularly important to ensure safety in water engineering throughout the life cycle of design, construction, and operation. The present Special Issue focuses on water engineering safety and management in the hydraulics and hydrodynamics fields. We are pleased to invite you to submit your original research articles and reviews to this Special Issue. Topics of interest include, but are not limited to, the following:

- Water engineering simulation analysis theory;
- Optimization design methods for water engineering;
- Intelligent construction technology for water engineering;
- Water engineering construction and safety management;
- Water engineering safety monitoring and health diagnosis;
- Water engineering reliability analysis and risk assessment[...]

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

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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.

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