



water



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The Safety Operations and Intelligent Control of Water Network Engineering Systems

Guest Editors:

Dr. Yantao Zhu

College of Water Conservancy and Hydropower Engineering, Hohai University, Nanjing 210098, China

Dr. Rui Pang

Faculty of Infrastructure Engineering, Dalian University of Technology, Dalian 116024, China

Dr. Binghan Xue

Division of Water Conservation and Hydropower Engineering, Zhengzhou University, Zhengzhou 450052, China

Deadline for manuscript submissions:

20 March 2025



mdpi.com/si/213454

Message from the Guest Editors

This Special Issue aims to address these challenges by focusing on the safety operations and intelligent control of water network engineering systems. We invite researchers, practitioners, and policymakers to submit their original research papers, reviews, and case studies. Suitable topics include, but are not limited to, the following:

- (1) Water network safety evaluation methods;
- (2) Intelligent control systems for water networks;
- (3) Risk assessment and management in water engineering;
- (4) Integration of IoT and AI in water safety operations;
- (5) Reliability analysis of water infrastructure;
- (6) Seismic impact and mitigation strategies for water networks;
- (7) Dynamic and static analyses of water engineering structures;
- (8) Safety monitoring and real-time data analysis;
- (9) Case studies on water network safety and control;
- (10) Emergency response planning and disaster management in water networks;
- (11) Sustainability and environmental impact assessments of water networks;
- (12) Cybersecurity in water network operations;
- (13) Policy and regulatory framework on water network safety and control.

Special Issue



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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

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.

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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