Special Issue

Recent Advances in Hydraulics Engineering

Message from the Guest Editor

This Special Issue on “Recent Advances in Hydraulic Engineering” aims to showcase the latest research and developments in the field, with a focus on innovative technologies, methods, and approaches that are shaping the future of hydraulic systems. The contributions in this Special Issue cover a broad spectrum of topics, including the design and optimization of hydraulic structures, flood management, sediment transport, and the integration of smart technologies in hydraulic engineering. By bringing together cutting-edge research and practical applications, this Special Issue provides a comprehensive overview of the current state of hydraulic engineering and highlights the key trends and future directions that are expected to influence the field. It serves as a valuable resource for researchers, engineers, and policymakers who are involved in the development and implementation of hydraulic systems aimed at improving water resource management and enhancing resilience to environmental changes.

Guest Editor

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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

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