Special Issue

Hydraulic Engineering Modeling and Technology

Message from the Guest Editors

This Special Issue focuses on the recent advances in modeling and analysis technology of hydraulic engineering, including the digital twin technology, physical and numerical modeling. The Special Issue welcomes research papers and review articles in both academia and industry from across the globe to discuss topics related to the design and operation of hydraulic engineering to promote global sustainable development. Potential topics include (but are not limited to) the following:

- Innovative digital-twin technology in hydraulic engineering;
- Technology of intelligent construction and health monitoring in hydraulic engineering;
- Modeling and seismic analysis of towering hydraulic structures in high-intensity regions;
- CFD modeling for complex flow fields in flow conveyance structures;
- Novel technology in flow-induced vibration of gate structure considering the fluid–structure interaction effect;
- Modeling and safety analysis of water pipeline in pumped-storage power station;
- Safety-evaluation modeling for long-term service behavior of concrete structure in dams

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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