Special Issue

Advances in Hydraulic Engineering Management

Message from the Guest Editor

This Special Issue, entitled “Advances in Hydraulic Engineering Management”, focuses on relevant aspects of exploiting water resources in sustainable ways. This Special Issue encourages both academic researchers and industrial practitioners to present their findings on progress in hydraulic engineering management. Hydraulic engineering management plays a critical role in the optimal utilization of water resources to achieve sustainable development. The progress in management covers hydraulic engineering project planning, design, construction, operation and stakeholder engagement, dealing with water supply, energy generation, flood risk mitigation, environment protection and economic development. An acceptable balance between economic growth, the preservation of the natural environment and community resilience needs to be struck by managing hydraulic engineering projects in a sustainable way. This has led to a clear need for answers to the question of how to use advanced management approaches to align the multiple objectives of hydraulic engineering projects associated with economic, social and environmental sustainability.

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

Dr. Jean-Luc PROBST
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