

Special Issue

Feature Papers of Hydraulics and Hydrodynamics

Message from the Guest Editor

Water systems (WS) transport water for hydropower production, drinking and irrigation water networks. Water conveyance solutions which transfer water for drinking, irrigation, waste, storms, rivers, energy production, storage and industries from an intake to final users can be carried out using integrated solutions to better suit the main efficiency purposes.

A sustainable water–energy–food–environment nexus (WEFEN) has increased in terms of its water and energy efficiency; interdependency between water, energy and food resources; as well as its relationship with technological development and management policies for food production and processing and environmental integration towards smart water grids (SWG), digital twins and new hybrid water–energy solutions. This is a new path for smart technology, resource management and sustainable water infrastructure developments in the near future to face climate and demanding challenges, as well as energy and digital transitions.

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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