

Special Issue

Environmental Hydraulics in the Global Change Era: From Physical Processes Analysis to Nature-Based Solutions Design

Message from the Guest Editors

Environmental Hydraulics (EH) is the scientific study of environmental water flows and their related transport and transformation processes affecting the environmental quality of natural water [...] The overall goal of this Special Issue of *Water* is to address and discuss the following related scientific questions:

- Which changes in hydrology, water quantity and quality of natural water systems are expected in the next years under those forcing mechanisms?
- Which mitigation and management measures might be adopted to efficiently address the above changes and their negative impacts?
- [...]

For this Special Issue, papers reporting theoretical, field, laboratory, and numerical investigations on the above scientific questions as well as falling within the scope of *Environmental Hydraulics* are welcome. This Special Issue aims to cover, without being limited to, the following areas:

- Riverine and estuarine hydrodynamics and morphodynamics;
- Hydrological and water quality processes;
- Water resource management;
- [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/Environmental_Hydraulics_Global

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About the Journal

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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