

Special Issue

Combined Numerical and Experimental Methodology for Fluid–Structure Interactions in Free Surface Flows

Message from the Guest Editors

This Special Issue aims to report the ongoing research into experimental and computational models in hydraulics as well as their novel applications in civil and environmental engineering, with a particular emphasis on fluid–structure interaction problems. Topics of primary interest include, but are not limited to: new numerical schemes for free surface and multiphase flows, high-performance computing, environmental hydraulics, dam break flows, urban floods, hydraulic risk analysis, sediment transport dynamics, fluid–structure interactions, multiphysics and multiscale methods. All original contributions with experimental and/or numerical approaches in the mentioned areas will be considered for publication. We therefore invite you to submit your latest research findings showing your progress in the field of hydraulic engineering to this Special Issue of *Water* (ISSN 2073-4441)—an open access journal (<https://www.mdpi.com/journal/water>).

Guest Editors

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Deadline for manuscript submissions

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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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