



water



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Recent Scientific Developments in Fluid Mechanics: Fluvial Hydraulics and Morphodynamics

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Message from the Guest Editors

Dear Colleagues,

The fluvial hydraulics and river morphodynamics represent challenging issues for hydraulic engineers. The advancements in experimental and measuring devices have received tremendous support, both in the laboratory and on the field, for measurement, observation, and prediction purposes. They include various invasive and non-invasive laboratory and field devices, such as doppler velocimetry, image velocimetry, optical-based measurements, time domain reflectometry, and others. In addition, remote sensing imagery augmented with GIS allows morphological changes in the river, as well as coastal dynamics, to be observed.

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Special Issue



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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.

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