

Special Issue

Research on Hydraulics and River Dynamics

Message from the Guest Editor

River engineering is one of the most important subjects in hydraulic engineering. The main scientific fields that are necessary for understanding the basic principles of river engineering include hydrology, hydraulics, and geomorphology. By means of the hydrologic rainfall–runoff models, the river inflows originating from rainfall–induced overland flow can be calculated. In the case of intense storms, the extreme situation of flood routing in rivers should be faced. Flood routing can be calculated by means of both hydrologic and hydraulic models [...] For further reading, please follow the link to the Special Issue Website at:

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

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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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