

Special Issue

Impact of River Hydrology on Hydraulic Engineering and Hydropower

Message from the Guest Editor

The current theme of this Special Issue is the impact that the awareness of the non-stationarity of hydrological phenomena, and of river hydrology in particular, has on river hydraulic engineering and hydropower. This goes hand in hand with the awareness of the non-stationarity of the climate. Studies are required that cover a) future hydrological regimes of river basins, specifically of those ones in mountainous regions with significant extension of glaciers; b) evolution of the demand for electricity and its value; and c) the search for feasibility parameters of river engineering works and systems and hydroelectric power plants that exceed the limits of mere economic feasibility.

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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