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Advances in Environmental Hydraulics

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Deadline for manuscript submissions:
closed (30 September 2020)

Message from the Guest Editors

Environmental hydraulics (EH) is the scientific study of naturally occurring flows of water on our planet Earth, especially of those that affect the environmental quality of the hydrosphere.[...]

The overall goal of this Special Issue of *Water* is to present and discuss recent advancements in the field of environmental hydraulics. For this Special Issue papers reporting theoretical, field, laboratory, and numerical investigations on the above phenomena and processes, as well as on their ecological implications for natural water systems, are welcome.

This Special Issue aims to cover, without being limited to, the following areas:

- transport processes in natural water systems;
- transformation processes in natural water systems;
- air-water flows;
- sediment transport and morphodynamics in streams and rivers;
- hyporheic fluxes;
- vegetated flows;
- estuarine hydrodynamics and morphodynamics;
- [...]

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

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

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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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