Special Issue

Ecohydraulics for Healthy Water Solution

Message from the Guest Editor

Research in ecohydraulics is currently growing rapidly around the world and becoming interdisciplinary. The ecohydraulics studies have put much effort into conservation measures such as natural-based solutions and modification of historic infrastructure towards a healthy aquatic ecosystem. This Special Issue in *Water* centers on ecohydraulics to restore the functions of the aquatic environment. The subject areas in this Special Issue are diverse and may originate from various scientific and engineering disciplines. This Special Issue will focus on the inter-correlations between aquatic species (e.g., fish, mussel) and hydraulics (i.e., habitat suitability); the interaction between flow/sediment transport and habitat structures (e.g., boulders, cylinders, vegetation, woody log); the hydrodynamics of fishways (e.g., nature-like, technical) for aquatic connectivity; the role of turbulence on aquatic species; mixing in rivers and its effect on aquatic species; the relationship between habitat metrics [...] For further reading, please follow the link to the Special Issue Website at: www.mdpi.com/journal/water/special_issues/ecohydraulics_healthy_water_solution

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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

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