Special Issue

Environmental Flows, Climate Change and River Hydromorphology

Message from the Guest Editor

Environmental flows (eflows) have been recognized as an important issue in sustainable river management. Many of the approaches developed and applied for eflow regulations view the flow regime as a master variable and therefore focus on securing appropriate water quantity, overlooking the interaction of flow with other habitat-shaping elements such as sediments, wood, and the valley context. Furthermore, flow modifications introduced by climate change limit the utility of historical hydrological data for creating future regulations. Anticipated new flow patterns may also change river hydromorphology, adding to alterations already induced by human activities. Therefore, it can be expected that climate change and hydromorphological alterations will have a substantial influence on habitat availability and should be considered elements of eflow regulations development. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/environmental_flows_river_hydromorphology

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

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