

Special Issue

Environmental Flows, Ecological Quality and Ecosystem Services

Message from the Guest Editor

Establishing proper environmental flows (e-flows) across river basins is one of the keystones to implement an integrated management of water resources. This is even more critical in water scarce river basins due to increasing water uses (i.e., irrigation) and climate change. Functions and values of aquatic ecosystems (i.e., water quality, sediment dynamics, productivity, biodiversity, ecosystem services, etc.) are influenced by river flow regime alterations. However, scientists and managers often find very difficult to quantitatively link the ecological status of aquatic ecosystems and their services to specific e-flow regimes. This Special Issue welcomes papers investigating the links among river flows, the status of aquatic ecosystems and the benefits they provide to our society, either from the science or management perspectives.

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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