

Special Issue

Sustainable Water Management within Inland River Watershed

Message from the Guest Editor

Water scarcity hinders the socio-economic development and ecosystems health in arid/semi-arid regions. Addressing water scarcity requires knowledge of the factors driving hydrological changes and the related effects on water resources—climate change, urbanization and agricultural intensification. In terms of global warming and extreme weather, climate change is identified as being related to the reduction in global water resources and the exacerbation of water scarcity, which will increase the vulnerability of ecosystems in arid/semi-arid regions. Urbanization and agricultural intensification lead to extensive ecosystem degradation, species extinctions, and, consequently, a reduction in biodiversity. Therefore, it is of great significance to construct an integrative water management system at the catchment scale to guarantee the sustainable development and ecological security of river basins in arid/semi-arid regions.

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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