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## Water Governance Solutions towards Future Environmental Challenges

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Deadline for manuscript  
submissions:

**closed (30 April 2024)**

### Message from the Guest Editors

Dear Colleagues,

Water availability in quantity and quality changes considerably among countries and also inside countries. Due to the expected increase in water demand for humans, industry, touristic and agricultural activities regarding water scarcity have been increasing in several regions, exacerbated by the effects of climate change, leading to water shortages, water stress or deficits and water crises. Current governance mechanisms have proved ineffective in responding to climate change. As a result, regions where watersheds are limited struggle to cope with the consequences of water crises and changes in water demands, frequently resulting in the increase in economic costs and social agitation.

Therefore, new methodologies for policy co-design and the integrated implementation of multi-level governance are needed, which could allow the introduction of nature-based solutions for wastewater treatment, energy savings in water infrastructures, energy extraction from wastewater, digital solutions for water management, [...]

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

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# Special Issue



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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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**Journal Rank:** JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

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