

Water Supply and Water Scarcity

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Message from the Guest Editors

Dear Colleagues,

Currently, the water sector encounters great challenges imposed by the demand to ensure adequate water supplies to support a growing population and to overcome the temporal and spatial inequalities in water supply due to increasing climate variability. The findings of several studies indicate strong shifts in the availability and quality of water supplies in the future, driven predominantly by changes in climatic conditions (shifts in precipitation patterns, higher temperatures, longer and more intense droughts, and more frequent heatwaves) and changes in the distribution and the size of the world's population. These shifts challenge the existing legislation, policies, and applied management strategies, including national/regional water management plans that need to be reconsidered and updated to meet growing requirements and protect water resources. [...]

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

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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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