

Special Issue

Rainwater Harvesting and Treatment

Message from the Guest Editors

Rainwater harvesting is an ancient water supply practice, and still represents a primary water source for a large proportion of inhabitants in developing countries. In developed nations, it is always encouraged as it benefits water supply, urban drainage systems, and environmental ecosystems. Rainwater harvesting and reuse represent an alternative source of water supply, particularly relevant during water scarcity due to climate change and water demand growth. It also helps to mitigate urban flooding, reducing peak runoffs and volumes discharged into the drainage system, contributing to the achievements of the hydrologic invariance target. Moreover, it limits the activation of combined stormwater overflows and the pollution of receiving water bodies, and reduces the withdrawal from high-quality sources.[...] For further reading, please follow the link to the special issue website at: https://www.mdpi.com/journal/water/special_issues/K9B9V1H636

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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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