Special Issue

Innovative Water Management and Reuse

Message from the Guest Editors

Water on Earth is always recycled. Mature treatment methods, such as membrane technology and advanced oxidation, are available to ensure water quality. Established online monitoring methods to assess microbial and chemical water quality have proven their efficiency. Still, public confidence in water reuse is lacking. This Special Issue focuses on how water reuse can be fortified without jeopardizing the safety and security of the water supply, including non-potable and potable uses. Using wastewater as a resource and its potential resue at different levels in agriculture, urban mining, or drinking water; the impact of the coming IoT in our wastewater utilities, that in some years will be ubiquitous in our smart cities; the security issues associated with the public acceptance of water from unconvencional resources; and the development of future wastewater and water reuse policies, are just a few of the possible topics to the discussed and developed. We welcome advanced and innovative wastewater management articles, as well as water reuse papers in the areas of health, social, policy and environmental issues, performance and quality control.

Guest Editors

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About the Journal

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

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