

Special Issue

Industrial and Urban Wastewater Treatment and Reuse

Message from the Guest Editors

Energy and services demand, such as the access to drinking water, focused on social and economic development to improve the well-being and health of the population, has seen an increase in recent years. Such pressure exerted in the last century on natural sources has provoked severe sustainable problems in our planet, where, for 2020 a 50% increase on water consumption is foreseen, as well as that 2/3 of the world's population will live under hydric stress conditions. These concerns, in combination with the phenomenon of water scarcity, are also increasing in Europe, in the context of a higher drought risk as a clear consequence of climate change. Seventy percent of fresh water in the world is consumed by agriculture activities and 19% by industries, which makes it imperative to find new alternative sources of water, such as the reuse of treated urban wastewater as well as the recycling of industrial wastewater in own production processes. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Treatment_Reuse

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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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