

Special Issue

Drawbacks, Limitations, Solutions and Perspectives of Water Reuse

Message from the Guest Editor

The present Special Issue is meant to collect both research and review articles dealing with:

- Characterization of domestic, industrial, and urban wastewaters as well as rain and storm waters in light of water reuse;
- Treatment of various types of waters (domestic, grey, urban, white, industrial) in light of water reuse;
- Identification of risks for human health linked to water reuse;
- Identification of risks for the environment linked to water reuse;
- Limitations and drawbacks linked to water reuse;
- Solutions overcoming challenges linked to water reuse;
- Mathematical modelling for water reuse;
- Control strategies for water reuse;
- Measures to boost the circular economy through water reuse;
- Decentralized water reuse case studies;
- Water reuse role in the water cycle;
- Techno-economic analyses of water reuse solutions;
- Carbon footprint and energy analyses of water reuse solutions;
- Resource recovery from water reuse;
- Policy and legislation on water reuse.

Guest Editor

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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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