

Special Issue

Wastewater Treatment and Reuse Advances Review

Message from the Guest Editor

For this Special Issue, we invite established researchers to submit high-quality review papers on recent progress and future perspectives on “Wastewater Treatment and Reuse”. Review papers should critically address recent developments in wastewater treatment and reuse (WWTR), to serve as benchmark references with high citation potential in the sector. The following topics will be considered:

- Urban or industrial wastewater treatment and its sustainability;
- Advanced wastewater treatment technology costs and effectiveness against emerging pollutants;
- Nature-based treatment and ecological aspects of WWTR (ecotechnologies, nature-based treatments systems, ecological engineering, and the role of living organisms in wastewater treatment);
- Key technological and research issues on wastewater reuse and resource recovery;
- Wastewater-based circular economy;
- Wastewater reuse strategies and reuse effects on public health, the WEF Nexus, and public sentiment;
- Wastewater reuse implementation issues and lessons learned;
- Wastewater reuse issues and challenges in specific countries and different climatic areas;
- Economic and regulatory aspects of wastewater reuse.

Guest Editor

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Deadline for manuscript submissions

closed (20 September 2025)



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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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