

## Special Issue

# Advances in Water Cycle Management and Circular Economy

### Message from the Guest Editors

The transition toward a circular economy is reshaping the way societies manage water. Wastewater treatment plants are evolving into multi-resource recovery facilities capable of valorizing nutrients and energy production. In parallel, the European Union has introduced standards for urban wastewater treatment (Directive 2024/3019 updating the older Council Directive 91/271/EEC) and minimum requirement for water reuse (Regulation 2020/741).

Therefore, water is no longer viewed merely as a consumable resource but as a vital component of a circular and resilient economy. For this Special Issue, we welcome contributions at the intersection of technology, sustainability, and governance. Topics may include, but are not limited to, the following:

- Alternatives to multi-resource recovery facilities.
- High-complex holistic management strategies and resource valorization.
- Groundbreaking examples and models of governance, business strategies and policies for circular economy improvements.
- Social acceptance and willingness of population to implement circularity and reuse in everyday habits.
- Resilient and innovative applications that support the circular transition of the water sector.

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### Guest Editors

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### Deadline for manuscript submissions

25 July 2026



## Water

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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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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