

## Special Issue

# Advanced Technologies on Water and Wastewater Treatment

### Message from the Guest Editor

As global water scarcity, pollution, and environmental degradation continue to escalate, there is an urgent need for sustainable, efficient, and cost-effective methods to treat and reuse water. This Special Issue on “Advanced Technologies on Water and Wastewater Treatment” provides an opportunity to showcase the innovative solutions and emerging technologies that are reshaping the landscape of water and wastewater treatment. It covers a diverse range of cutting-edge technologies, including advanced filtration systems, membrane technologies, nanomaterials, advanced oxidation processes, electrochemical processes, catalytic processes, and biological treatments. It also welcomes submissions exploring novel approaches in resource recovery, such as nutrient and energy extraction, and the integration of smart monitoring systems for real-time performance optimization. By presenting recent advancements in these fields, it aims to foster knowledge exchange, inspire interdisciplinary collaborations, and drive the development of solutions that can meet the growing demands for safe, clean water and the protection of aquatic ecosystems.

### Guest Editor

Dr. Achisa Mecha Cleophas

Department of Environmental Sciences, University of Arizona, Tucson, AZ 85721, USA

### Deadline for manuscript submissions

20 August 2025



## Water

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*Water*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[water@mdpi.com](mailto:water@mdpi.com)

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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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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Toulouse, France

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