

## Special Issue

# Advancements in Wastewater Management

### Message from the Guest Editors

We cordially invite you to contribute to this Special Issue discussing advancements in wastewater management. The increasing complexities and challenges in wastewater management demand innovative solutions, particularly in the realm of risk management, resource recovery and digitalization. As wastewater management continues to be a critical global challenge, this Special Issue aims to bring together cutting-edge research and innovative solutions in the field. We invite submissions that address a wide range of topics related to wastewater management, including, but not limited to:

- Urban drainage asset management: integrating nature-based solutions in AM practices;
- Emerging pollutants in wastewater;
- Wastewater reuse and resource recovery;
- Advances in sensor technologies for real-time water quality monitoring;
- Advances in inspection technologies for condition assessment;
- Data management and artificial intelligence to prioritize maintenance and repair.....

---

### Guest Editors

Prof. Dr. Vittorio Di Federico

Dipartimento di Ingegneria Civile, Chimica, Ambientale e dei Materiali,  
Università di Bologna, Bologna, Italy

Dr. Marco Maglionico

Dipartimento di Ingegneria Civile, Chimica, Ambientale e dei Materiali,  
Università di Bologna, Bologna, Italy

Dr. Rita Maria Ugarelli

SINTEF Community, 0314 Oslo, Norway

---

### Deadline for manuscript submissions

closed (31 May 2024)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/si/191833](https://mdpi.com/si/191833)

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

[mdpi.com/journal/  
water](https://mdpi.com/journal/water)





# Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/journal/  
water](https://mdpi.com/journal/water)



## 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.

---

### Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

#### Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)