

# Special Issue

## Advances in Life Cycle Assessment in Wastewater Treatment

### Message from the Guest Editors

This Special Issue invites research articles on Advances in Life Cycle Assessment in Wastewater Treatment (WWT), an interesting and very useful topic that might be of great interest to the environmental scientist community as well as for the population in general.

Wastewater treatment plants (WWTPs) are crucial for mitigating the impact of pollutants on water bodies. The transition to a more sustainable operation model requires increasing the system complexity; increasing recycling to save energy and raw materials; and minimizing emissions to the water, air, and soil. On the other hand, in the pursuit of more sustainable scenarios, the circular economy concept develops strategies and ideas for the treatment, processing, and reuse of waste, providing a second life, reducing the final waste to a minimum, and generating economic opportunities.

Thus, this Special Issue aims to attract new advances regarding the environmental assessment and the inclusion of circular economy philosophy in WWTPs.[...] For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special\\_issues/LCA\\_wastewater](https://www.mdpi.com/journal/water/special_issues/LCA_wastewater)

---

### Guest Editors

#### Dr. Montse Meneses

Department of Telecommunications and Systems Engineering,  
Universitat Autònoma de Barcelona, Barcelona, Spain

#### Dr. Jorgelina Pasqualino

Grupo de Investigación en Sistemas Ambientales e Hidráulicos  
(GISAH), Universidad Tecnológica de Bolívar, Cartagena, Colombia

---

### Deadline for manuscript submissions

closed (10 December 2021)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/si/81165](https://mdpi.com/si/81165)

Water  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
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](http://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, Auzelle 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)

