



water

an Open Access Journal by MDPI



Role of Environmental Microorganisms in Wastewater Treatment

Guest Editor:

**Prof. Dr. Ranjith Kumar
Manoharan**

Department of Civil Engineering,
Yeungnam University, Gyeongsan
38541, Republic of Korea

Deadline for manuscript
submissions:

20 August 2024

Message from the Guest Editor

The primary objective of this Special Issue is to scrutinize the diversity of microorganisms influencing WWTPs or introduce innovative methods for sustainable wastewater treatment that do not compromise the functional bacteria within these treatment plants. This Special Issue aims to advance our understanding of extracting renewable resources from water treatment, compiling original research articles and reviews that elucidate ways to enhance current water treatment practices. Topics of interest include, but are not limited to:

1. Pioneering experimental studies aimed at treating emerging contaminants in water without adversely impacting bacterial diversity.
2. Examination of the influence of environmental microorganisms on wastewater treatment through physical, chemical, and biological treatment methods.

By exploring these topics, this Special Issue seeks to contribute to the improvement of existing water treatment practices, ensuring a sustainable and effective approach to wastewater management.



mdpi.com/si/196607

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

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.

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 (*Water Science and Technology*)

Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)