

Special Issue

Functional Microorganisms in Wastewater Treatment

Message from the Guest Editors

To trace the research progress of microorganisms in water, a Special Issue will be organized by Water. This Special Issue focuses on original articles or review articles related to functional microorganisms in wastewater treatment and pathogenic microorganisms in water, including but not limited to

- Ammonia oxidation microorganisms in wastewater, such as AOB, AOA, Comammox, and AnAOB;
- Phosphorus-accumulating organisms of *Candidatus Accumulibacter*, *Dechloromonas*, and *Tetrasphaera* in phosphorus removal;
- Anaerobic fermentation bacteria and aerobic oxidation bacteria participated in organic decomposition;
- Functional microorganisms involved in the removal of contamination and toxicology;
- Functional microorganisms related to the degradation of microplastics in wastewater;
- Removal of odor from wastewater by microorganisms;
- Sludge treatment and functional microorganisms;
- Pathogenic bacteria existing in natural waters, water pipes, and water tanks;
- Relationship between pathogenic microorganisms in water and human health;
- Other related topics.

Guest Editors

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Deadline for manuscript submissions

closed (25 September 2023)



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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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