

Special Issue

Research on Microplastic Pollution in Water Environment

Message from the Guest Editor

This Special Issue seeks to gather innovative research and thorough reviews that enhance our comprehension of microplastic pollution, its ecological effects, and the formulation of monitoring, mitigation, and policy approaches. Submissions are invited on a range of topics, including, but not limited to, the following:

- Sources, distribution, and transport of microplastics in aquatic environments.
- Analytical and detection methods for microplastic identification.
- Use of AI in the microplastics detection.
- Interaction of microplastics with pollutants and organisms.
- Toxicological and ecological effects on aquatic life.
- Human exposure routes and risk assessments.
- Wastewater treatment technologies for microplastic removal.
- Strategies for reduction and mitigation techniques and policy frameworks.

Guest Editor

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Deadline for manuscript submissions

31 December 2025



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/241491

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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