Special Issue

Impact of Microplastics on Aquatic Ecosystems

Message from the Guest Editors

Microplastics are found in almost all abiotic and biotic ecosystem compartments on Earth. Microplastics, as well as the chemicals and microorganisms they carry in aquatic ecosystems, have the potential to affect water quality, elemental biogeochemical cycling, the health of aquatic organisms, food safety, and even the global climate. Therefore, it is necessary to summarize the studies of the impacts of microplastics on aquatic ecosystems (including the freshwater and marine ecosystems) to achieve a better understanding of the risk and an informed management strategy. The Special Issue of *Water* calls for papers presenting recent advances in the **Impact of Microplastics on Aquatic Ecosystems** including, but not limited to, the following topics:

- The pollution status, characteristics, and driving mechanisms of microplastics in aquatic ecosystems.
- The fate and degradability of microplastics in aquatic ecosystems.
- Impacts of microplastics on the plants, animals, and microorganisms in aquatic ecosystems.
- Impacts of microplastics on aquatic ecosystem functions and services.
- The risk assessment of microplastics in aquatic ecosystems.

Guest Editors

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Deadline for manuscript submissions

closed (15 May 2025)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/204041

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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

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