

Special Issue

Microplastics Pollution in Aquatic Environments

Message from the Guest Editors

The pervasive presence of microplastics in aquatic environments has raised global concerns due to their persistence, potential for bioaccumulation, and detrimental effects on ecosystems and human health. This Special Issue of *Water* aims to advance our understanding of microplastic pollution, addressing the sources, transport mechanisms, environmental behavior, and ecological impacts of microplastics in various aquatic systems.

We invite submissions that include but not limited to the following:

- Detection, characterization, and quantification of microplastics in freshwater and marine environments;

- Sources, transport, and fate of microplastics across aquatic systems;

- Ecotoxicological effects of microplastics on aquatic organisms and food webs;

- Interactions between microplastics and other pollutants;

- Mitigation and management strategies for reducing microplastics pollution;

- Development of environmentally friendly alternatives to conventional plastics.

Guest Editors

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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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