

Special Issue

Marine Plastic Pollution: Recent Advances and Future Challenges

Message from the Guest Editors

Marine litter is a growing global issue affecting both human health and marine ecosystems; moreover, negative impacts are evident in coastal economies. This Special Issue focuses on recent advances and future challenges in understanding and addressing marine plastic pollution, including its sources, behavior, environmental and socio-economic impacts. Additionally, to carry out innovative mitigation strategies, we will focus on the applicability of monitoring techniques (via remote sensing and/or hydrodynamic models), identifying the main advances and limitations. High-quality research papers, review articles, and case studies related, but not limited, to the following topics are welcome:

- The state of the art in scientific research related to marine litter;
- Identifying and quantifying marine litter sources and hotspots;
- Fate and transport mechanisms of macro- and microplastics in riverine and marine environments;
- Impact of marine litter on marine ecosystem;
- Monitoring methods using, e.g., remote sensing, hydrodynamic models, citizen science, etc.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

20 March 2026



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/243556

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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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