

Special Issue

Microplastics Pollution in Aquatic Ecosystems: Challenges and Perspectives, 2nd Edition

Message from the Guest Editors

Plastic pollution has increased exponentially since the 1950s, but particularly in recent years due to the significant amount of plastic production combined with poor waste management. This Special Issue welcomes studies that address the following:

- Seek to highlight novel challenges in relation to MNP pollution research;
- Research the effects of plastic particles in real-world scenarios;
- Reveal insights that speak to improvements in the field of MNP research;
- Discuss emerging areas of concern relating to MNP pollution;
- Provide insights from observational studies on the vulnerability of populations of marine organisms to hot spots of plastic pollution;
- Perform meta-analyses on the current knowledge of multiple stressors' effects in marine organisms;
- Highlight what the future of the MNP research field should look.

There are a variety of reasons why the field of MNP research contains significant gaps; therefore, this Special Issue seeks to identify and highlight those challenges, while offering insight as to how to overcome them.

Guest Editors

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Deadline for manuscript submissions

closed (15 March 2026)



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About the Journal

Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).