

Special Issue

Microplastics in Aquatic Environments: Occurrence, Distribution and Effects

Message from the Guest Editors

The scientific community is increasingly showing its concern about microplastic pollution and the possible effects on the biota and environment. Microplastic pollution is so widespread. However, there are still several gaps that need to be filled. The lack of method harmonization for sampling, treating and analyzing samples hampers the comparability of the studies conducted to date. Furthermore, microplastics' effects on biota and humans are still poorly understood. Another important and little-investigated aspect is the distribution and potential effects on the environment of the so-called "bioplastics" or "biobased materials" that are replacing traditional plastics in some sectors but that also have critical issues. This Special Issue welcomes any novel studies focusing on microplastics in aquatic environments, their occurrence and distribution, and the effects they might have on the environment and the biota. Research examining the sources of plastic pollution in aquatic ecosystems, current and future methodologies for microplastic sampling and analysis, and the ecological risks posed by microplastics are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2022)



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About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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