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Microplastics in Aquatic Environments: Occurrence, Distribution and Effects

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Deadline for manuscript
submissions:

closed (20 May 2022)

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.



mdpi.com/si/69954

Special Issue



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Message from the Editor-in-Chief

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