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Quantification and Identification of Micro- and Nanoplastics in Environmental Matrices

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Deadline for manuscript submissions:

closed (15 February 2024)

Message from the Guest Editors

Microplastics (MPs), especially those below 100 μm (small microplastics, SMPs) and nanoplastics (NPs), are emerging contaminants whose presence is ubiquitous. They represent a concern for seawater, freshwater, sediments, soil, and air, since they may adversely affect ecosystem functions, but they can be a hazard also for biota and human health. Microplastics and nanoplastics (MNPs) can be ingested by various organisms. Invertebrates ingest them according to the size of their mouthparts; hence, MNPs can enter the trophic web, and they may be bioaccumulated and biomagnified, also becoming a risk for human health.

This Special Issue intends to present the current research on MNPs in different environmental matrices and the possibility of using the results of these studies for a risk assessment. Authors are kindly invited to submit original research papers, reviews, and short communications.



mdpi.com/si/130967

Special Issue



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Message from the Editor-in-Chief

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