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Quantification and Identification of Micro- and Nanoplastics in Environmental Matrices

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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.



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Special Issue



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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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