

Special Issue

Toxicity Behavior of Microplastics in the Aquatic Ecosystem

Message from the Guest Editor

Microplastics have been widely reported as persistent contaminants that are continuously released into the environment as a result of their extensive use in various products. To date, many studies have shown the toxicity of microplastics upon ingestion, yet limited information is available on the neurotoxicity of microplastics in aquatic organisms, which can lead to behavioral toxicity. Additionally, due to various types and sizes of microplastics available in the aquatic environment, it is crucial to understand how behavior is altered in response to various types and sizes of microplastics. We strive to attract original and high-quality scientific papers and reviews on the following areas:

- Toxic effects on molecular, cellular, sub-organismal, organismal, population, community, and ecosystem levels;
- General toxic mechanisms, including genetic modifications, phenotypical responses, and adaptive responses;
- Toxicity differences between single and combined exposures and the subsequent alterations in behavior.

Guest Editor

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Deadline for manuscript submissions

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).