

## Special Issue

# Environmental Processes and Toxicological Effects of Micro- and Nanoplastics in Aquatic Environments

### Message from the Guest Editors

This Special Issue aims to discuss the environmental processes of micro- and nanoplastics in aquatic environments and to emphasize their toxicological effects induced in animals or plants. As an emerging contaminant, the environmental behavior and biotoxicity of micro- and nanoplastics have received extensive attention from the scientific community. In this Special Issue, original research articles and review articles are welcomed. The scope of research areas may include (but is not limited to) the following:

- Sources and distribution of micro- and nanoplastics;
- Environmental behavior and processes;
- Adsorption, transformation, and bioaccumulation;
- Toxicological effects and regulation;
- Physiological and stress responses;
- Metabolomics, proteomics, and genomics;
- Ecotoxicity and risk prediction.

### Guest Editors

Prof. Dr. Xue Bai

Dr. Yang Song

Dr. Wenke Yuan

### Deadline for manuscript submissions

closed (30 June 2024)



## Toxics

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Impact Factor 4.1  
CiteScore 6.4  
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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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### Editor-in-Chief

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#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Toxicology) / CiteScore - Q1 (Chemical Health and Safety)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).