Special Issue

Exposure, Pathways and Assessment of (Eco)Toxicity of Nanomaterials

Message from the Guest Editor

This Special Issue aims to gather cutting-edge research on the fate, transport, toxicological effects, assessment, and analysis method of ENMs in environmental and biological systems. We welcome original research articles, reviews, and short communications addressing, but not limited to, the following topics:

- **Environmental Release and Exposure Pathways** of NMs in water, soil, sediment, and air;
- **Fate and Transport Mechanisms**, including aggregation, transformation, and bioaccumulation;
- **Advanced Analytical Methods** for detecting and characterizing NMs in complex matrices;
- **Ecotoxicological Effects** on microorganisms, aquatic organisms, plants, and terrestrial species;
- **Human Health Risks** associated with NM exposure through inhalation, ingestion, or dermal contact;
- **Risk Assessment Frameworks** and regulatory considerations for NM safety.
- **Environmental Behavior**, including environmental pollutants adsorption and degradation.
- **Emerging Nanomaterials,** including micro(nano)plastics, polymeric nanoparticles, biomimetic nanomaterials, and bio-based nanomaterials.

We look forward to your valuable contributions.

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.

Editor-in-Chief

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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).