

Special Issue

Emerging Techniques in Monitoring and Mitigating Health Risks of Potentially Toxic Elements (PTEs) in the Environment

Message from the Guest Editors

This Special Issue, titled "Emerging Techniques in Monitoring and Mitigating Health Risks of Potentially Toxic Elements (PTEs) in the Environment," will compile cutting-edge research and interdisciplinary advancements addressing the challenges of PTE contamination. We aim to highlight novel methodologies, technologies, and strategies that enhance detection accuracy, improve exposure management, and enable sustainable remediation. By bridging gaps between environmental science, biotechnology, and public health, this Special Issue will foster actionable insights for policymakers, researchers, and practitioners working toward global environmental safety. We welcome submissions of original research articles, reviews, and case studies focusing on, but not limited to, the following themes:

- Advanced Testing and Monitoring Methods for PTEs
- Breakthroughs in the Diagnosis and Treatment of PTE Exposure
- Mechanisms of PTE Migration and Transformation
- Smart Remediation Technologies
- Emerging Risk Identification Tools
- Novel Mitigation Strategies

Guest Editors

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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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Author Benefits

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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).