

Special Issue

Heavy Metals and Emerging Contaminants in Aquatic and Soil Environments: Migration, Transformation, Ecological Risks, and Remediation

Message from the Guest Editors

Heavy metal pollution is a severe environmental problem across the world, stemming from complex and diverse sources. Heavy metals pose a pollution risk in environments due to their toxicity, persistence, bioaccumulation, and resistance to degradation. Current management strategies for heavy metals and emerging contaminants have garnered significant attention across all sectors of society. However, many challenges still persist regarding their impacts on aquatic and soil environments, including their migration, transformation, ecological risks, and remediation. In this Special Issue, topics of interest include, but are not limited to, the following:

The risk and migration of heavy metals and emerging contaminants in aquatic and soil environments.

The control of heavy metals and emerging contaminants in wastewater.

The remediation of heavy metals and emerging contaminants in ecosystems.

The prevention and control of regional heavy metal and emerging contaminant pollution.

The control of composite heavy metal and emerging contaminant pollution.

Guest Editors

Dr. Xiaoshuai Hang

Dr. Yingang Xue

Dr. Jian Cui

Deadline for manuscript submissions



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/251373

Toxics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxics@mdpi.com

[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)





Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)



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

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

Author Benefits

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).