

## Special Issue

# Assessment and Remediation of Heavy Metal Contamination in Soil

### Message from the Guest Editor

Heavy metal contamination in soil has attracted great attention globally due to its toxic, persistent, and non-degradable characteristics. Based on the evaluation results, some of the contaminated soils have to be remediated or the plantation structure must be adjusted to ensure the safety of local residents. There are many effective methods to remediate heavy metal contamination in soil and realize safe production in contaminated farmland, which can reduce the total content of heavy metals, increase the stability of heavy metals, or reduce the accumulation of heavy metals in crops. The aim of this Special Issue is to bring together contributions on all aspects of the assessment and remediation of heavy metal contamination in soil, including i) the risk assessment and source apportionment of heavy metals in soil; ii) the transformation of heavy metals in soil–crop systems; and iii) the remediation of heavy metals in soil–crop systems with various technologies.

---

### Guest Editor

Dr. Yangyang Wang

Henan Engineering Research Center for Control & Remediation of Soil Heavy Metal Pollution, Henan University, Kaifeng 475004, China

---

### Deadline for manuscript submissions

28 February 2025



## Toxics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.9  
CiteScore 4.5  
Indexed in PubMed



[mdpi.com/si/215235](https://mdpi.com/si/215235)

*Toxics*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[toxics@mdpi.com](mailto:toxics@mdpi.com)

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





# Toxics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.9  
CiteScore 4.5  
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 - Q2 (Chemical Health and Safety)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.3 days after submission; acceptance to publication is undertaken in 2.3 days (median values for papers published in this journal in the second half of 2024).