

## Special Issue

# Environmental Pollution and Food Safety

### Message from the Guest Editors

Environmental pollution has a negative impact on food quality. People can be exposed to contaminants from the environment or by ingestion of contaminated foods or water, and their accumulation in the body can lead to harmful effects over time. The phytoextraction of contaminants is a useful technic to reduce metal contamination in polluted soil or waters. In addition, also food plants can apply phytoextraction; it's a defense route for plants to minimize the toxic effects of the contaminants, and usually, they are accumulated in the roots, leaves, fruits, and seeds. Soil, water, and food control of crops are necessary to maintain high food quality and high food safety. For this Special Issue, we invite high-quality original research papers, short communications, and reviews. Areas of interest may include (but are not limited to) food safety; metals, and emergent contaminants phytoextraction; crops metal accumulation; innovative methods monitoring environmental pollution and food safety; climate change and food quality; metals contaminants, and environmental distribution.

---

### Guest Editors

Dr. Nicoletta Guerrieri

Water Research Institute-National Research Council (IRSA-CNR), Largo Tonolli 50, I-28922 Verbania Pallanza, Italy

Dr. Gigliola Borgonovo

Department of Food, Environmental and Nutritional Sciences, University of Milan, Milano, Italy

---

### Deadline for manuscript submissions

31 May 2025



## Toxics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.9  
CiteScore 4.5  
Indexed in PubMed



[mdpi.com/si/166463](https://mdpi.com/si/166463)

*Toxics*

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 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).