



*toxics*



an Open Access Journal by MDPI

## Environmental and Human Health Risk Assessment of Emerging Contaminants

Guest Editor:

**Dr. Sangwoo Lee**

Department of Predictive  
Toxicology, Korea Institute of  
Toxicology, Daejeon 34114, Korea

Deadline for manuscript  
submissions:

**closed (30 April 2022)**

### Message from the Guest Editor

Emerging contaminants can be defined as natural or synthetic chemicals that are not currently regulated but cause adverse effects on environmental or human health. Use of emerging contaminants might be expanding with the introduction of new commercial items or as alternatives of known existing contaminants. However, the hazard and exposure information of these emerging contaminants remains largely unknown and their related risks were not quantified yet. In this respect, the risk assessment of emerging contaminants provides very crucial information in terms of risk control decisions, chemical management strategies, and prevention of environmental health concerns. Thus, this Special Issue aims to cover a range of topics including hazard characterization of emerging contaminants, environmental or human exposure of emerging contaminants and risk evaluation of emerging contaminants. In addition, the manuscripts introducing new approaches or new theoretical suggestions that support risk assessment and review manuscripts are also included in the scope of this Special Issue.



[mdpi.com/si/70025](https://mdpi.com/si/70025)

# Special Issue



*toxics*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Dr. Demetrio Raldúa**

Department Environmental  
Chemistry, IDAEA-CSIC, Jordi  
Girona 18, 08034 Barcelona,  
Spain

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (*Toxicology*) / CiteScore - Q2 (*Chemical Health and Safety*)

## Contact Us

---

*Toxics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/toxics](http://mdpi.com/journal/toxics)  
[toxics@mdpi.com](mailto:toxics@mdpi.com)  
X@Toxics\_MDPI