

Special Issue

Contaminants of Emerging Concerns in Environment: Identification, Quantification, Assessment and Prioritization

Message from the Guest Editors

Emerging contaminants in the environment have become a new concern due to the lack of information surrounding their exposure and toxicity, which is why they have been named contaminants of emerging concern (CECs). While many environmental pollutants have been under management and/or regulations, some contaminants, including CECs, still remain unknown and out of control. The insufficient knowledge we currently have delays the establishment of management policies for environmental and human protection and aggravates the damage. As an initial step, identification and quantification studies are essential for understanding environmental exposure. Information regarding their occurrence can help us to take other steps to assess their toxicity and the risk they pose and to prioritize processes for management strategies. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) identification strategies and analytical techniques, screening and monitoring work, toxicity and risk assessment with bioassays and quantification data, and prioritization based on scoring and ranking for efficient monitoring/management plans.

Guest Editors

Prof. Dr. Junho Jeon

Department of Environmental engineering, Changwon National University, Korea

Prof. Dr. Tae-Yong Jeong

Department of Environmental Science, Hankuk University of Foreign Studies, Yongin-si, Republic of Korea

Deadline for manuscript submissions

closed (20 November 2022)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/93150

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).