

Special Issue

Exposure and Toxicity of Emerging Organic Pollutants in Environment and Human

Message from the Guest Editors

Emerging organic pollutants (EOPs) include antibiotics, personal care products, biocides, and industrial chemicals. The environment pollution generated by EOPs produces serious toxic residues that are detrimental to the environment and human health; this has become one of the greatest environmental challenges throughout the world. It is vital that the exposure and toxicity of EOPs in the environment are investigated. Future research should provide further data regarding the exposure and toxicological effects of EOPs on organisms at various levels. This Special Issue welcomes papers on all relevant topics, including, but not limited to, the following:

- Detection techniques and assessment methods employed for EOPs in the environment and humans.
- Environmental monitoring and analysis of EOPs in the environment and humans.
- Toxicity characterization, bioaccumulation, transformation, and degradation of EOPs in plants and animals.
- Microbial degradation of EOPs.
- Human exposure and health risk assessment of EOPs.
- Remediation technologies and materials to reduce environment EOP pollutants or their bioavailability.

Guest Editors

Dr. Shuyan Zhao

School of Chemical Engineering, Ocean and Life Sciences, Dalian University of Technology, Panjin 124221, China

Dr. Shuhong Fang

College of Resources and Environment, Chengdu University of Information Technology, Chengdu 610225, China

Deadline for manuscript submissions

31 July 2025



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/209802

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).