

Special Issue

Environmental Transport and Transformation of Pollutants

Message from the Guest Editor

Pollutants in the environment can harm ecosystems and humans. Pollutants such as heavy metals, chlorinated solvents, petroleum hydrocarbons, polycyclic aromatic hydrocarbons, polychlorinated biphenyls, polybrominated diphenyl ethers, per- and poly-fluorinated compounds, pesticides, antibiotics, micro- and nano-plastics, etc., may be transported and transformed in the environment, and these processes are influenced by many factors. Understanding the environmental processes of pollutants as well as their effects helps to establish sound science-based regulations and develop effective management practices. This Special Issue seeks papers on advanced research in the environmental processes of pollutants. Potential topics include, but are not limited to, the following: (1) Technologies for measurements of pollutants; (2) Approaches to characterize environmental transport and transformation; (3) Methods to predict and quantify environmental processes; (4) Assessments of interactions between pollutants and the environmental matrix; (5) Effects of transport and transformation of pollutants.

Guest Editor

Dr. Xiaoxia Lu

College of Urban and Environmental Sciences, Peking University,
Beijing 100871, China

Deadline for manuscript submissions

closed (12 September 2025)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/192410

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 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).