

Special Issue

Occurrence of Contaminants of Emerging Concern and Their Risks to Aquatic Animals

Message from the Guest Editor

In recent years, Contaminants of Emerging Concern (CECs)—including pharmaceuticals, personal care products, endocrine-disrupting chemicals, microplastics, and per- and polyfluoroalkyl substances (PFASs)—have become increasingly prevalent in aquatic environments. Unlike traditional pollutants, these compounds are often not fully regulated; yet, they can bioaccumulate, disrupt biological processes, and threaten both aquatic biodiversity and food safety. The growing use of synthetic chemicals and poor disposal practices have accelerated their entry into rivers, lakes, estuaries, and oceans, raising urgent environmental and public health concerns. The Scope of the Special Issue includes (but is not limited to):

- Environmental occurrence and distribution of CECs;
- Acute and chronic toxicity studies;
- Field-based ecological risk assessments;
- Bioaccumulation and biomagnification;
- Molecular, cellular, and organismal responses;
- Synergistic and mixture toxicity effects;
- Biodegradation and removal techniques;
- Policy, regulation, and environmental management.

Guest Editor

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Deadline for manuscript submissions

30 January 2026



Toxics

an Open Access Journal
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Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



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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

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Author Benefits

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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).