

## Special Issue

# Per- and Polyfluoroalkyl Substances: Ecological Impacts and Human Health Risks

### Message from the Guest Editor

In highlighting cutting-edge research on the transport, fate, and bioavailability of PFASs in terrestrial and aquatic environments, this Special Issue examines their toxicological effects and mechanisms behind their toxicity on biota at different levels of biological organization. Moreover, the featured works delve into pathways of human exposure and their associated health risks. Through synthesizing interdisciplinary insights, this collection aims to advance our understanding of the environmental fate, behaviour, and impacts of PFASs. Novel research articles, short communications, and reviews are welcome for submission to this Special issue, and may include, but need not be limited to, the following topics:

- Target and nontarget analysis of legacy and emerging PFASs;
- Environmental fate and transport;
- Bioavailability, bioaccumulation, and biomagnification;
- Ecotoxicology—mechanisms of toxicity and/or toxic effects at different levels of biological organization;
- Epidemiology and toxicology, including mechanisms of toxicity;
- Risk assessment and management.

### Guest Editor

Dr. Thimo Groffen

ECOSPHERE, Department of Biology, University of Antwerp, 2020 Antwerp, Belgium

### Deadline for manuscript submissions

31 August 2025



## Toxics

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Impact Factor 4.1  
CiteScore 6.4  
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*Toxics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[toxics@mdpi.com](mailto:toxics@mdpi.com)

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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.

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### Editor-in-Chief

Dr. Demetrio Raldúa  
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,  
08034 Barcelona, Spain

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#### 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).