

Special Issue

Contaminants of Emerging Concern (CECs) in the Water Cycle

Message from the Guest Editors

The Contaminants of Emerging Concern (CECs) constitute a group of chemical and biological contaminants (including antibiotics, microplastics, per- and poly-fluoroalkyl substances, etc.) that can cause predictable hazards to ecosystems and public health. Recently, CECs have attracted increasing attention, especially in the field of water cycles. The aim of this Special Issue is to identify the sources and environmental behaviors of CECs and the technologies to deal with the CECs in the water cycle. The scope of this Special Issue includes the following: (1) new technologies to remove CECs in water; (2) understanding the transport and transformation of CECs in the water cycle and evaluating their ecological impacts on freshwater and marine organisms; (3) developing new methods to detect CECs; (4) new risk assessment models; and other relevant topics. We encourage new interdisciplinary approaches to tackle the complex aquatic environmental problems caused by CECs.

Guest Editors

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Deadline for manuscript submissions

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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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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).