

Special Issue

The Occurrence, Fate, Transport, and Toxicity of Contaminants of Emerging Concern (CECs)

Message from the Guest Editors

CECs, including pharmaceuticals, personal care products, POPs, PFASs, microplastics, and resistance genes, have the potential to enter water bodies, terrestrial ecosystems, and the atmosphere. The scope of the discussion in this Special Issue will cover various aspects related to CECs, including, but not limited to, the following:

- The occurrence of CECs in the environment: this includes the sources, distribution, and temporal and spatial trends seen in CECs in different environmental matrices, such as water, sediments, and biota.
- The fate and transport of CECs: this includes the processes that influence the fate and transport of CECs in the environment, such as biodegradation, sorption, and volatilization.
- The toxicity of CECs: this includes the adverse effects of CECs on human health, aquatic and terrestrial organisms, and the environment.
- The monitoring and risk assessment of CECs: this includes the development and implementation of monitoring programs for CECs in different environmental matrices, as well as the use of risk assessment strategies in order to evaluate the potential risks associated with exposure to 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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