

Special Issue

Combined Effects of Climate Change and Emerging Chemicals on Ecosystems

Message from the Guest Editors

The increase in the complexity of toxicological studies is important to an improved environmental risk assessment of emerging chemicals under a changing climate. We are observing the daunting impacts of climate change in both terrestrial and aquatic ecosystems today, aligned with compelling evidence that changes on abiotic factors alter the environmental distribution and toxicity of chemicals. On the other hand, new chemicals arrive on the market every year to meet demand for products and services. This Special Issue of *Toxics* invites studies on the combined toxicological effects of abiotic parameters altered due to climate change (e.g., temperature, pH, salinization) and emerging chemicals (e.g., new persistent organic contaminants, personal care products, pharmaceuticals). A variety of topics encompassing the combined effects observed from lower to high levels of biological organization, from the subindividual to the community and ecosystem levels, will be included. We are also looking for studies on the fate and persistence of emerging chemicals in both terrestrial and aquatic systems under changing climate scenarios.

Guest Editors

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closed (31 December 2022)



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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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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).