



toxics



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Combined Effects of Climate Change and Emerging Chemicals on Ecosystems

Guest Editors:

Dr. Andreia C. M. Rodrigues

CESAM—Centre for Environmental and Marine Studies, Department of Biology, University of Aveiro, 3810-193 Aveiro, Portugal

Dr. Maria Donas Bóttto Bordalo Bordalo

CESAM—Centre for Environmental and Marine Studies, Department of Biology, University of Aveiro, 3810-193 Aveiro, Portugal

Deadline for manuscript submissions:

closed (31 December 2022)

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.



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Special Issue



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Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

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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Contact Us

Toxics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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