

Special Issue

Exposure and Toxicity of Emerging Organic Pollutants in Soil

Message from the Guest Editors

Emerging organic pollutants (EOPs) include antibiotics, personal care products, biocides, and industrial chemicals. The soil pollution generated by EOPs produces serious toxic residues that are detrimental to the environment and human health. It is vital that the exposure and toxicity of EOPs in soil are investigated. Future research should provide further data regarding the exposure and toxicological effects of EOPs on organisms at various levels (molecular, cellular, individual, species, population and ecosystem). This Special Issue welcomes papers on all relevant topics, including, but not limited to, the following: 1. Detection techniques and assessment methods employed for EOPs in soils. 2. Environmental monitoring and analysis of EOPs in soils. 3. Toxicity characterization, bioaccumulation, transformation and degradation of EOPs in plants and animals. 4. Microbial degradation of EOPs in soils. 5. Remediation technologies and materials to reduce soil EOP pollutants or their bioavailability. 6. Biotransformation of EOPs the rhizosphere and their absorption, transfer, and transformation in crops.

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Deadline for manuscript submissions

closed (29 February 2024)



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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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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).