

## Special Issue

# New Emerging Contaminants Identification and Determination

### Message from the Guest Editor

New emerging contaminants (NECs) are previously unidentified, unregulated, or poorly understood chemical, biological, or particulate substances whose presence is increasing in environmental matrices and that may pose potential risks to ecosystems and human health. The identification and determination of NECs remain particularly challenging due to unknown chemical structures, low environmental abundance, complex matrices, and the absence of reference standards. Consequently, advanced analytical tools are essential for their reliable detection and characterization. In parallel, the development of effective strategies for the removal and degradation of NECs is critical, as conventional water and wastewater treatment processes are not designed specifically for these contaminants. Emerging treatment technologies show promise for mitigating NECs and their transformation products. This Special Issue highlights recent advances in NEC source identification, analytical determination, pre-concentration, removal, and degradation to support improved water quality management and risk assessment.

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### Guest Editor

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### Deadline for manuscript submissions

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## Toxics

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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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### Editor-in-Chief

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