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## The Transformation Mechanism and Environmental Effects of Emerging Pollutants

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Deadline for manuscript submissions:

**closed (31 August 2022)**

### Message from the Guest Editors

Various emerging pollutants may cause great harms to organisms and even humans, great efforts have been devoted to removing these pollutants from the environment. Given this, evaluating the transformations of these pollutants during various treatment processes, including the exploration of reaction kinetics and mechanisms, the identification of intermediate products, and the toxicity assessment of reaction solutions, is a hot research topic that is becoming one of the frontier fields of environmental chemistry.

This Special Issue aims to:

- 1) Propose the transformation mechanisms of pollutants with experimental measurements based on modern analytical techniques and molecular-structure-based theoretical calculations. Especially, researchers are encouraged to conduct combined theoretical and experimental studies for the explanation of experimental phenomena and degradation mechanisms.
- 2) Reveal the underlying molecular mechanism for the activity of toxic substances and predict the properties of structurally similar compounds with quantitative structure–activity relationship (QSAR) models obtained through the comprehensive study of a certain series of compounds.



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**Special Issue**



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## 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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