

Special Issue

Remediation Strategies of Emerging Chemical Contaminants in Soils

Message from the Guest Editor

Emerging chemical contaminants (ECCs) have a historical usage, but they have only recently gained attention for their potential negative impacts. ECCs include plastics, synthetic polymers, pharmaceuticals, personal care products, plasticizers, and fire retardants. Although the concentrations of soil ECCs are relatively low, the continued release of ECCs into soils poses medium- to long-term risks. Hence, it is crucial to enhance our understanding of the emission patterns and impacts of ECCs on human and ecosystem health. Various sources contribute to the infiltration of pollutants into the soil environment. Once within the soil matrix, pollutants can easily propagate through accumulation, transformation, and degradation processes, driven by chemical and biological mechanisms. Topics of interest include, but are not limited to, the following:

- Trace detection methods for the quantitative detection of soil ECCs;
- The possible interaction mechanism between soil and ECCs;
- The distribution and migration pathways of ECCs in soil;
- Future directions for mitigating the contamination of soil by ECCs.

Guest Editor

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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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