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Adsorption of Emerging Contaminants from the Environment

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Message from the Guest Editors

Contaminants in water have negative effects on our health and on ecosystems. Today, we are discovering new and unregulated molecules in wastewater and natural watercourses, such as surfactants, pesticides, drugs, cosmetics, etc. We have started to call these molecules emerging contaminants, and their toxicity and ecotoxicity are still unclear. Thus, understanding the effects of emerging pollutants and studying their removal are fundamental for a safer and cleaner future. There are several physical, chemical, and biological processes that have some disadvantages in terms of removal efficiency, sludge generation, high investment and operating costs, toxicity issues, etc. The adsorption process presents relevant advantages such as low cost, high efficiency, and simplicity of operation, and therefore, it is considered a promising method for removing emerging pollutants from aqueous streams.

In this context, in this Special Issue, we welcome the submission of articles regarding the contamination of natural sites/wastewaters by emerging contaminants and the latest advancements in the adsorption of this group of pollutants using new adsorbent materials and design systems.



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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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