

Special Issue

Organic Compounds: Sorption, Removal, and Toxicity Reduction

Message from the Guest Editors

Sorption is an important phenomenon in the removal of organic compounds from all kinds of streams. The fate of emerging contaminants in solid–water systems are governed by the sorption of these contaminants into solid media such as soil, sediments, and engineered adsorbents. Sorption processes include the accumulation on a two- or three-dimensional micro- and macro-surfaces profoundly influencing the fate (and transport) of these emerging contaminants. This relationship between the emerging contaminant(s) between the aqueous (liquid) and solid phases will influence the compound mobility, reactivity, distribution of the selected compound, availability, ability for phase transfer between the liquid–solid–gas phases, and toxicity concerns. For this Special Issue, the journal welcomes manuscripts that investigate chemical and physical phenomena in sequestration of emerging contaminants using a wide range of sorbents. In addition, we welcome models that predict these interactions. These models can be linear or non-linear in nature due to reasons such as competitive sorption.

Guest Editors

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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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