



Innovative Materials and Processes for Removal of Biopersistent Pollutants

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Message from the Guest Editors

Endocrine-disrupting compounds are emerging micro-pollutants produced by industrial practices and anthropogenic activities. These contaminants are of inorganic and organic natures (pharmaceuticals, food sources, potential toxic metals, dyes, personal care products, detergents, flame retardants, cosmetics, and pesticides) with potential toxicological effects on the human health and the environment (air, water, and soil) due to their ubiquity at trace levels. Endocrine disruptors are substances that can interfere with the hormonal system and thereby produce harmful effects in both humans and wildlife.

These molecules could be bio-persistent during conventional treatment processes; accordingly, the adoption of proper and innovative technologies are necessary for the removal of these hazardous, persistent chemicals before their release into the environment.

The aim of this Special Issue is to collect research devoted to the recent progress and new perspectives in the processes of treatment and removal of these hazardous artificial (xenobiotic) contaminants in air; soil; and water supply.





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Message from the Editor-in-Chief

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