Special Issue

Innovative Advanced Oxidation and Adsorption Technologies for Contaminants of Emerging Concern in Water and Wastewater

Message from the Guest Editors

Water reuse technologies are expanding to address water stress and create climate resilience; however, conventionally treated effluents can carry contaminants of emerging concern (CECs) that can threaten aquatic ecosystems, drinking water sources, and human health. This Special Issue highlights the recent progress of the next generation of advanced oxidation processes (AOPs) and adsorptive materials that enable selective, energy-aware removal of CECs in water. We invite scholars to submit high-quality full research articles and critical reviews to this Special Issue. Topics can include, but do not need to be limited to, new and improved AOPs, development of new catalytic materials, novel adsorbents with scalable architectures, and hybrid technologies emphasizing both innovative applications and our fundamental understanding of this field. Our goal is to advance practical, safe, and reproducible solutions for high-quality water reuse and for the protection of receiving waters.

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Clean Technologies (ISSN 2571-8797) is an international, open access journal of novel scientific research on technology development aimed at reducing the environmental impact of human activities. *Clean Technologies* publishes reviews, regular research papers, communications and short notes which show a significant advance in the development of sustainable technology that reduces energy consumption, environmental pollution and/or the use of water and nonrenewable resources. Our aim is to encourage scientists to publish their experimental and theoretical research in detail as open access, serving a trustable base of advance for the scientific community.

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