Special Issue

Applications of Environmental Functional Materials in Emerging Contaminants Monitoring and Control

Message from the Guest Editors

In recent years, the detection frequency and types of emerging contaminants (ECs) in water environments have gradually increased. At present, the most prominent types of ECs are per- and polyfluoroalkyl substances (PFASs), endocrine-disrupting chemicals (EDCs), pharmaceuticals and personal care products (PPCPs), microplastics, etc. As global water resources are being reduced day by day, the challenges associated with ECs have received greater consideration due to their particularly adverse effects. Therefore, it is imperative to develop technology emphasizing the safe and effective monitoring and/or control of ECs in different water environments to reduce the corresponding environmental and health issues. Environmental functional materials (EFMs) have been widely applied in the fields of sensing and treatment technologies for ECs due to their high affinity, activity and selectivity for specific target contaminants. Hence, EFMs have become a hot research topic at both domestic and international levels. This Special Issue of *Water* aims to focus on applications of environmental functional materials in emerging contaminants monitoring and control.

Guest Editors

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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