

Special Issue

Emerging Micropollutants in Water and Wastewater: Recent Tendencies, Treatment Options and Perspectives

Message from the Guest Editors

Emerging micropollutants (EMPs) also called as contaminants of emerging concern are discharged into the environment from a diverse range of sources and are of special concern to scientific researchers around the world. Novel and emerging micropollutants in water or wastewater have made traditional treatment strategies ineffective in meeting environmental standards. The treatment processes of EMPs comprise several approaches such as physico-chemical, biological and advanced oxidation processes. Most of the conventional known wastewater treatment methods are not designed to completely remove EMPs but employ a combination of different treatment methods that can enhance the removal efficiency of emerging micropollutants. The selection of a suitable treatment method depends, among others, on the type of emerging micropollutants present, the contaminated water or wastewater source and the requirements of environment standards. This Special Issue of *Water* will collect the results of the newest research trends, technologies and perspectives in the field of emerging micropollutants removal and will provide the current state of the art in the area.

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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

Dr. Jean-Luc PROBST

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