

Special Issue

Monitoring and Degradation of Drugs and Organic Pollutant in Wastewater

Message from the Guest Editor

As many of you are already aware, we are increasingly surrounded by organic compounds found in products we use daily. Many of these compounds are commonly detected in wastewater treatment plants (WWTPs), including pharmaceutical and personal care products. In addition, plasticizers, flame retardants, herbicides, pesticides, and other substances are also present. For this reason, the new European Union directive mandates the implementation of a quaternary treatment in WWTPs to eliminate emerging pollutants. Although these substances are typically found in very low concentrations, they can still pose significant adverse effects. This special volume invites papers focused on monitoring emerging pollutants in WWTPs, including studies on their sources, occurrence, and concentrations, as well as papers that assess the risks associated with these pollutants. We also welcome contributions to the development of new analytical methodologies for analyzing complex waters such as wastewater, studies investigating the efficiency of various wastewater treatment processes, and research on transformation products formed during these treatments.

Guest Editor

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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

Dr. Jean-Luc PROBST

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