

Special Issue

Contaminants of Emerging Concern in the Urban Water Cycle: Fate, Occurrence, Detection, Monitoring, and Control

Message from the Guest Editors

In a world where uncertainty is a key concept, monumental challenges such as (and especially) contamination by emerging compounds are at the forefront of everyday life and need urgent action. One effect of contamination is the alteration of the natural environment, especially water resources on which most living organisms rely. A promising approach is redefining the value of water in a sustainable aspect, a principle that must be introduced to future generations. Therefore, the sustainability concept is continuously introduced. In urban areas, the need for safe drinking water is a fundamental issue related to the role of water in cities and the impacts of urbanization on the hydrological cycle and on water resources. Urban agriculture as well as different circular economy strategies are applied to the urban water cycle without a robust risk analysis. In a sustainable concept, wastewater must be seen as a resource rather than a liability because not all urban areas have access to natural sources of drinking water[...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Contaminants_Emerging_Concern

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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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