



water

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

Guest Editors:

Prof. Dr. Vincenzo Naddeo

Sanitary Environmental Engineering Division (SEED),
Department of Civil Engineering,
University of Salerno, Via
Giovanni Paolo II, Fisciano, SA,
Italy

Prof. Dr. Chi-Wang Li

Department of Water Resources
and Environmental Engineering,
Tamkang University, 151
Yingzhuang Road Tamsui District,
New Taipei City 25137, Taiwan

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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[...]

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Dr. Jean-Luc PROBST

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Message from the Editor-in-Chief

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Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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