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Contaminants of Emerging Concern in the Urban Water Cycle: Fate, Occurrence, Detection, Monitoring, and Control-Volume 2.0

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Message from the Guest Editors

This is Volume 2 special issue. All previously published papers can visit: https://www.mdpi.com/journal/water/special_issues/Contaminants_Emerging_Concern

The overarching goal of this Special Issue is to highlight the recent innovative water and wastewater solutions as well as existing and potential technologies for the valorization and protection of water from conventional and emerging contaminants. Relevant topics include:

- Technologies for environmental monitoring of water resources and ecosystems;
- Fate, occurrence, detection, monitoring, and control of emerging contaminants in the urban water cycle;
- Occurrence and measurement techniques of emerging environmental pollutants;
- Environmental risk assessments of pollutants in urban water;
- Toxicology studies associated with emerging pollutants in urban water;
- Remediation technologies involved in the treatment and removal of pollutants;
- Strategies for monitoring and controlling of impacts of bacteria resistant to antibiotics;
- Water harvesting and sustainable innovations[...]



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Special Issue



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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.

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