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

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

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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Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

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

Tel: +41 61 683 77 34
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