

Special Issue

Towards a Zero-Pollution Strategy for Emerging Contaminants in the Water Cycle

Message from the Guest Editors

Water pollution affects human health and aquatic ecosystems. It is one of the main reasons for the loss of biodiversity. Policy makers and researchers have devoted decades of work investigating the origins and fates of pollutants in the environment, and good progress has been made in understanding and reducing pollution loads in receiving waters. Nevertheless, analytical capabilities have shown great improvement, and more chemicals are being detected and quantified at lower concentrations than ever before. This has revealed new challenges such as the presence of persistent and mobile compounds and the development of antimicrobial resistance. And not only chemicals are threatening water quality, but also the presence of pathogens and microplastics have detrimental effects on health of human beings and ecosystems. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/emerging_contaminant

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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

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