



water

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Emerging Pollutants in Aquatic Environments and Chemical-Biological Remediation

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Deadline for manuscript submissions:

closed (30 June 2022)

Message from the Guest Editors

The present Special Issue aims to publish original research, review papers, and short communications on the identification, sampling, analysis, monitoring, and treatment protocols to measure and document the occurrence of emerging contaminants and to remediate such compounds in waterbodies. The overall scope includes up-to-date developments on the current state of knowledge of theoretical, applied, observational, and methodological studies in which novel approaches and robust results are presented and discussed as well as the urgent actions needed to understand their ultimate impact on human health and to develop a realistic exposure scenario.

Specifically, the topics include, but are not restricted to, the following:

1. Systematic research of environmental occurrence, fate, and responses of ECs in aquatic ecosystems;
2. Understanding of the reactivity and interactions within biological systems;
3. Toxicological investigation to support risk assessment and to determine the level of risk they present;
4. Advanced analytical methodologies for their determination;
5. Targeted development of remediation technology, treatment methods for removal of ECs from waterbodies.



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Special Issue



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Editor-in-Chief

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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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