



water

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Research on Advanced Methods of Wastewater Treatment: Methods to Meet the Complexity of Emerging Wastewater Contaminants

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Message from the Guest Editor

The complexity of wastewater presents an enormous challenge for remediation with increasing loading of priority pollutants emerging from a variety of waste streams. This is coupled with increasing volumes of microplastics which provide a host to these priority pollutants, increasing the lifetime of the pollutant within a water stream. There is a great challenge to be addressed by various researchers within the wastewater treatment industry. Researchers investigating advanced methods of wastewater treatment have developed pathways to solve this problem; however, scaling up research from the laboratory to pilot scale continues to be a challenge. Advanced oxidation processes, reactor development and membrane technology are amongst a number of areas focused on by researchers keen to solve this 21st century problem.

We invite papers to this Special Issue of *Water* pertaining to the following: research on advanced methods of wastewater treatment: methods to meet the complexity of emerging wastewater contaminants.



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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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