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In Situ Treatment of Organic Pollutants in Water Environment Using Bioremediation and Advanced Oxidation Technology

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Deadline for manuscript submissions:
closed (15 April 2022)

Message from the Guest Editors

Dear Colleagues,

In recent years, the pollution of surface water and groundwater caused by industrialization has become more and more serious, which has attracted extensive attention. Among all kinds of water pollution, organic pollution plays a leading role. This kind of pollution has the characteristics of large discharge, wide pollution area and wide variety. In particular, persistent, toxic and harmful pollutants can be enriched through the food chain, which seriously threatens human health and development. How to effectively treat organic polluted wastewater, reduce environmental load and protect human living environment is an important problem to be solved at present. Biodegradation, biotransformation and advanced oxidation technology, as effective organic pollution wastewater treatment technologies, are favoured because of their simple, value-added, fast and green characteristics. [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/Bioremediation_AdvancedOxidation

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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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