



Emerging (Bio)Technologies for Water Quality and Wastewater Treatments: Impacts on the Environment, Economy and Public Health

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Message from the Guest Editors

Contamination and depletion of water resources are a global concern, both socially and economically, and, above all, in terms of public health, since water pollution can even lead to human death. The balance between water demand and world development is threatened directly by the exploitation of water resources for food production, industrialization, urbanization, and energy production, and indirectly by climate change. Therefore, not only the depletion of water resources but also their concomitant pollution is a serious danger to the availability of freshwater, which is essential for human activity and health.

One promising strategy is investing in the treatment and reutilization of wastewaters since these are generated by the increase in human and industrial activities.

In this Special Issue, we invite you to contribute with your state-of-the-art research including water quality, water pollution, water ecotoxicity, waterborne diseases, water contaminants wastewater treatment use of new biological treatments, biotechnological technologies, biosensors, and nanotechnologies.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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