

Special Issue

Environmental Pollution and Wastewater Treatment Strategies

Message from the Guest Editors

In the face of the global water crisis, water pollution has emerged as one of the most critical environmental challenges we must address. The treatment of municipal wastewater plays a vital role in minimizing the impact of pollutants on aquatic ecosystems and public health. These pollutants, including chemical substances, microorganisms, heavy metals, and microplastics, can lead to serious health risks such as gastrointestinal, hormonal, and immune system disorders, as well as environmental degradation. The primary objective of wastewater treatment is to remove these contaminants before the water is discharged back into the environment. Properly treated wastewater can be reused for various purposes, contributing to sustainable water resource management and environmental protection. In light of increasing environmental protection demands and stricter water quality regulations, it is essential to implement advanced and innovative wastewater treatment technologies that effectively reduce pollution levels. For more information on the Special Issue, please visit [LINK https://www.mdpi.com/journal/applsci/special_issues/KXGK3Z9O5X](https://www.mdpi.com/journal/applsci/special_issues/KXGK3Z9O5X)

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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