

Special Issue

Exploring the Emerging and Newest Biodegradation, Bioremediation and Biological Treatment Processes of Pollutants

Message from the Guest Editors

Recently, the use of omics techniques in pollutant treatment has gained popularity due to the exponential drop in the cost of next-generation sequencing. As a result, these techniques are utilized to elucidate the underlying mechanisms in the treatment of pollutants. It is important to understand these mechanisms since researchers would be able to determine the pathways that are followed by specific organisms in the degradation process and how omics methods can be used to accelerate such processes. As a result, this Special Issue on “Exploring the Emerging and Newest Biodegradation, Bioremediation and Biological Treatment Processes of Pollutants” aims to explore the utilization and application of the emerging and new biological treatment methods to address various environmental challenges. Topics include, but are not limited to:

- Development of recent biological methods in contaminant treatment.
- Use of artificial intelligence systems in biological pollutant treatment.
- Resource recovery and metabolite profiling from biological treatment methods.
- Use of biosensors and spectroscopy during bioremediation.

Guest Editors

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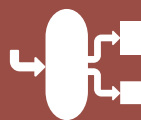
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