



Sustainable Biotechnology in Environmental Protection

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Deadline for manuscript
submissions:

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Message from the Guest Editors

This Special Issue, ‘Sustainable Biotechnology in Environmental Protection’, concerns the application of processes for the protection and restoration of the quality of the environment, highlighting the importance of biotechnology in attaining a safe and sustainable environment. Research on advanced biotechnological solutions targeting the reconsideration of waste as a resource for valuable raw materials is of interest.

The topics include the sustainable strategies for the conservation and protection of the environment using biotechnological methods, but not limited to:

- isolation of microorganisms for biodegradation and their evolutionary analyses
- genetic improvement of biological systems with enhanced biodegradability and bioresorbability
- emerging pollutants and their impact on biological systems in the polluted environment
- waste recycling and re-utilization for value-added products through biotechnological approaches
- microbial degradation of toxic and organic chemicals
- bio-treatment of wastewater
- hazardous waste management through biotechnology
- bioplastic and biopesticides





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Message from the Editor-in-Chief

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