

## Special Issue

# Sustainable Biotechnology in Environmental Protection

### 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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### Guest Editors

Dr. Alina Butu

Dr. Steliana Rodino

Dr. Marian Butu

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### Deadline for manuscript submissions

closed (15 December 2022)



## Sustainability

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## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

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