

## Special Issue

# Biological Wastewater Treatment, Biomass Valorization, and Environmental Sustainability

### Message from the Guest Editors

This Special Issue focuses on the innovative integration of biological processes in wastewater treatment with the valorization of biomass, offering solutions to environmental challenges and promoting sustainability. The scope of this Special Issue encompasses the latest advancements in biotechnological approaches for wastewater treatment, particularly those that contribute to resource recovery, energy production, and waste minimization. This Special Issue will supplement the existing literature by presenting new methodologies, case studies, and integrated solutions that highlight the potential of biological processes in creating sustainable ecosystems. By addressing the intersection of wastewater treatment, biomass valorization, and sustainability, this Special Issue will contribute to the development of tools and policies necessary for sustainable wastewater management, energy recovery, and the reduction of environmental pollutants. This aligns with the broader goals of *Sustainability* by exploring innovative, science-based approaches to mitigate socio-economic and environmental impacts, with a focus on long-term, sustainable practices for global communities.

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### Deadline for manuscript submissions

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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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