

## Special Issue

# Sustainable Technologies in Biology and Chemistry: Biobased Products, Bioenergy and Biomass

### Message from the Guest Editors

Sustainability has become a key driver in scientific advancements across biology and chemistry, particularly in developing biobased products, bioenergy solutions, and biomass valorization. The Special Issue will cover a broad spectrum of topics related to sustainable technologies, including but not limited to:

- The development and optimization of biobased products derived from renewable resources.
- Advances in bioenergy production, including biofuels, biogas, and other renewable energy sources.
- Biomass conversion technologies and their role in circular economy.
- Green chemistry approaches for sustainable material synthesis and processing.
- The role of biotechnology in improving biomass utilization and efficiency.
- Feasibility studies and their results related to the implementation and scalability of sustainable technologies.
- Life cycle assessments and sustainability evaluations of biobased and bioenergy systems.
- Policy, economic, and regulatory aspects influencing the transition to sustainable biological and chemical technologies.

This Special Issue aims to bridge the gap between fundamental research and industrial applications.

### Guest Editors

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### Deadline for manuscript submissions

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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

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