

## Special Issue

# Advancing Sustainable Development Goals Through Biobased Energy Systems: Integrating Technological, Environmental, and Socio-Economic Perspectives

### Message from the Guest Editors

This Special Issue aims to explore the multifaceted role of biobased energy in accelerating progress towards the United Nations Sustainable Development Goals (SDGs). This Special Issue focuses on the intersections between biobased energy systems and sustainable development, emphasizing integrated approaches that consider technological, environmental, and socio-economic dimensions.

We welcome research that addresses the following: Life cycle assessments of biobased energy systems; Our purpose is to provide a comprehensive, interdisciplinary analysis of how biobased energy can contribute to multiple SDGs while addressing potential trade-offs and emphasizing good governance practices. This Special Issue will supplement the existing literature by offering an integrated perspective on bioenergy's role in sustainable development, combining technical, environmental, and socio-economic analyses. It will contribute to the journal's aims by presenting quantifiable sustainability metrics, innovative assessment tools, and policy implications for bioenergy systems.

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### Guest Editors

Dr. Blake A. Simmons

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Dr. Yuxuan Zhang

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### Deadline for manuscript submissions

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## 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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