

Special Issue

Sustainable Biomass Energy: Opportunities and Challenges for a Green Future

Message from the Guest Editors

Biomass, when subjected to sustainable physicochemical or biotechnological conversions, generates cleaner energy, fuels and bio-based chemicals than traditional fossil fuel technology. This Special Issue welcomes original research articles and critical reviews on the developments and challenges involved in the energy industry's transformation to a net zero emissions sector through the support of the biomass-based industry. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Increasing sustainable bioenergy production.
- Developing a sustainable circular bioeconomy.
- Decarbonization of industry using renewable energy such as bioenergy.
- Biofuels production and its sustainable impact.
- Integral biorefineries for energy, fuels and bio-based chemicals.
- Techno-economic and life cycle assessment in bioenergy.
- Strategies to develop a green industry.

Guest Editors

Dr. Jorge Aburto

Management of Biomass Conversion, Instituto Mexicano del Petróleo, Mexico City 07730, Mexico

Dr. Arick Castillo-Landero

Biomass Conversion Division, Instituto Mexicano del Petróleo, Mexico City 07730, Mexico

Deadline for manuscript submissions

closed (31 March 2025)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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. *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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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