

## Special Issue

# The Role of Sustainable Biomass Energy Sources by 2050 in the Energy Future World Market vs. Global Changes, Challenges, Directions

### Message from the Guest Editor

This Special Issue aims to invite colleagues to submit their recent research on assessing and discussing sustainable biomass renewable energy challenges, gaps, future directions, and implications by 2050 to meet energy demand, reduce GHG emissions, and maximize profit and waste minimization. The scope of this Special Issue covers but is not limited to the following topics:

- Analyzing the impacts of the current world situation on global biomass energy supply and demand
- Analyzing the effect of pandemics on biomass energy sources and production
- Biomass energy management and cost during the current world crisis
- Sustainability pillars assessment of biomass supply chain
- Climatic change analysis of biomass resources
- Biomass renewable energy and Blockchain role
- Policy, strategies, technology, and investment considerations for sustainable biomass renewable energy sources
- Simulation modeling, optimization approaches, and multicriteria decision makings of biomass renewable energy supply and production

To get more information, you can click on:

[https://www.mdpi.com/journal/energies/special\\_issues/OZK086J53G](https://www.mdpi.com/journal/energies/special_issues/OZK086J53G)

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### Guest Editor

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### Deadline for manuscript submissions

closed (10 March 2025)



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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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### Editor-in-Chief

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