Special Issue

Bioenergy Economics: Analysis, Modeling and Application, 2nd Edition

Message from the Guest Editors

The transition to low-carbon renewable energy is both essential and challenging for a world with growing energy demands. The current geopolitical situation has intensified the energy crisis, particularly in Europe, accelerating the shift towards energy transformation. Sustainable bioenergy, derived from sources like energy crops, agricultural residues, and organic waste, plays a vital role in decarbonization strategies, enhancing energy security, and achieving climate goals. This Special Issue focuses on the economic aspects of bioenergy production, acquisition, and processing. We invite original research and review papers analyzing cost-effectiveness, profitability, and market trends. Preference is given to studies applying econometric methods to explore the bioenergy market. Key topics include:

- Economic, political, and legal factors influencing biomass and bioenergy production.
- Sustainable resource management for biomass production and optimization of wastelands.
- Profitability and efficiency of bioenergy production technologies.
- Innovations and investments in sustainable bioenergy and biofuel technologies.
- Market forecasting for biomass supply, demand, and pricing.

Guest Editors

Dr. Anna Kożuch
Prof. Dr. Krzysztof Adamowicz
Dr. Miloš Gejdoš

Deadline for manuscript submissions

closed (10 December 2025)

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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.

Editor-in-Chief

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