

Special Issue

Recent Advances in Biofuels Production and Usage: Challenges and Solutions

Message from the Guest Editors

We are looking for contributions in the following areas:

- Technologies: novel/emerging technologies for biofuels production including but not limited to thermochemical, biochemical and (photo)electrochemical conversion.
- Tools/methods: multi-/interdisciplinary approaches are particularly welcome. Both computational modelling and experimental studies are welcome and should demonstrate a holistic assessment in terms of technical, economic and environmental dimensions. We also encourage research that demonstrates resource efficiency enhancement through process integration and intensification strategies. Studies based on purely experimental research without a holistic assessment are not within the scope of this Special Issue.
- Sustainability analysis: techno-economic analysis, life cycle assessment (LCA) and any other assessments of the novel/emerging production technologies will be considered.
- Case studies: local/regional/national/international case studies; small/large-scale systems; and policy recommendations are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (30 December 2024)



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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.

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