

Special Issue

Energy Systems Design in Agriculture

Message from the Guest Editor

This Special Issue aims to present and disseminate the most recent advances related to value addition to agriculture in the design of sustainable energy systems using agricultural products and byproducts as feedstocks. The results of research into energy analysis in various agricultural operations and processes will also be presented. Topics of interest for publication include, but are not limited to:

- Access, efficiency, and reliability of energy in agricultural production processes
- Design for renewable energy systems
- Bioenergy for heat and electricity
- Manufacturing of bioproducts from energetic conversion of biomass
- Biofuels for transportation including cellulosic ethanol, biodiesel, and renewable hydrocarbon
- Wind, solar, and wind/solar hybrid energy for agricultural applications
- Energy systems analysis for measuring the impact of technologies from energy- and materials-usage standpoint.
- Novel applications of agriculture-derived renewable energy
- Energetic life cycle assessment in agriculture
- Energy audit in agricultural operations and processes

Guest Editor

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Deadline for manuscript submissions

closed (13 July 2023)



Energies

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Impact Factor 3.9
CiteScore 8.3



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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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