



Energy Systems Design in Agriculture

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Message from the Guest Editor

Dear Colleagues,

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





energies



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Message from the Editor-in-Chief

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