Special Issue

Bioenergy Conversion Technologies

Message from the Guest Editors

The purpose of this Special Issue is to present a collection of papers detailing recent and promising advances in the conversion of biomass into different forms of bioenergy. Topics of interest include, but are not limited to:

- Development of biomass feedstock;
- Biomass pretreatment, fractionation, and extraction;
- Bioenergy production processes:
  - Direct combustion processes,
  - Pyrolysis,
  - Carbonization,
  - Gasification,
  - Liquefaction,
  - Traditional anaerobic digestion (for biogas production),
  - Altered anaerobic digestion (for production of products other than biogas). This includes electrochemical conversion technologies (i.e., MFC, MEC),
  - Biodiesel production technologies;
- Fuel upgrading;
- Techno-economic analysis and life cycle assessment.

Guest Editors

Dr. Emmanuel Revellame

1. Department of Chemical Engineering, University of Louisiana, Lafayette, LA 70503, USA
2. Energy Institute of Louisiana, University of Louisiana at Lafayette, Lafayette, LA 70503, USA

Dr. Randy Maglinao

Advanced Fuels Center, Montana State University-Northern, Havre, MT 59501, USA

Deadline for manuscript submissions

closed (30 June 2022)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/68686

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)