

Special Issue

Environmental Applications of Bioenergy and Biomass

Message from the Guest Editors

It is time to take responsibility and action, as individuals and as a society, for the severe impacts caused by our rising demand for electricity, heat, cooling, and transportation fuels. The scientific community must come together and investigate the most efficient technologies, applications, and pathways that can be used to suppress our energetic needs. Such research can promote the development of cost-effective applications that will bring energy security, reduce fossil fuels depletion, and reduce the environmental impacts of fossil fuels. This Special Issue intends to address the gaps and challenges that affect the bioenergy production chain, all the way from the type and source of biomass resources to the production process, products, and final end-uses. All types of original submissions are welcome.

- unprocessed biomass;
- non-food crops;
- aquatic feedstocks;
- genetically modified organisms;
- heat and power;
- combustion;
- torrefaction;
- gasification;
- pyrolysis;
- carbonization;
- anaerobic digestion, etc.

Guest Editors

Dr. Abrar Inayat

Dr. Lisandra Rocha Meneses

Dr. Mohamed Abdallah

Prof. Dr. Abdallah Shanbleh

Deadline for manuscript submissions

closed (15 February 2024)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/99378

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://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)