



energies



an Open Access Journal by MDPI

Research Trends and Challenges in the Field of Biodiesel and Biofuels

Guest Editor:

Dr. Fabio Faraguna

Faculty of Chemical Engineering
and Technology, University of
Zagreb, Marulićev trg 19, HR-10
000 Zagreb, Croatia

Deadline for manuscript
submissions:

closed (15 May 2022)

Message from the Guest Editor

Dear Colleagues,

Biodiesel and biofuels in general are well established sources of renewable energy worldwide. They are usually used as a transportation fuel and, in rarer cases, for the production of heat and electricity. Biodiesel can be produced from different feed stocks, and its usage is mostly related to the climate and geographical position of the production place. In order to avoid ‘food or fuel’ concerns, production trends have shifted from food crops toward inedible oils, waste oils and fats, and microbial oils. Similarly, for other biofuels, the trends have shifted from starchy toward lignocellulose sources and algal biomass.

In this Special Issue, we aim to publish full research papers, short communications, and review articles describing the current and alternative trends and technologies for the production, purification, modeling, and economics of biodiesel and biofuels. Papers that describe innovative processes/technological novelties or investigate properties and engine performances of novel fuels are highly appreciated.



mdpi.com/si/100765

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Industrial Engineering, University
Nicolò Cusano, 00166 Roma,
Italy

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.

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)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)