

Special Issue

Advanced Biofuels in Sustainable Development

Message from the Guest Editors

Dear Colleagues: Biofuels are a type of renewable fuel, usually found in liquid form, that have been distilled and produced from a variety of agricultural crops, forests and animal fats. With the increasing pressure on energy consumption and environmental pollution, utilization of biofuels is an effective way to improve energy efficiency and reduce pollutant emission. As a result, they have been widely applied in power generation, road transport vehicles, and aviation fuel. Issues with synthesis and production technology, combustion organization and optimization, and emission control of biofuels are particularly important. On the other hand, energy consumption, emission and land use change in the whole lifecycle have received much attention in recent years. Accordingly, developing advanced technologies and innovative methods for biofuel utilization is crucial to achieving energy diversification and environmental protection. This Special Issue for those who would like to publish original papers presenting important results of work in the field. The papers can be basic and applied research, development of new technology, original application of existing knowledge, etc

Guest Editors

Prof. Dr. Hao Chen

Prof. Dr. Han Wu

Prof. Dr. Quanchang Zhang

Dr. Zhanming Chen

Deadline for manuscript submissions

closed (30 June 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/100656

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)