Special Issue

Sustainable Biofuels Production from Biomass

Message from the Guest Editors

In recent times, biofuels have been promoted as a sustainable energy alternative to fossil fuels as they could help to decrease negative climate change impacts and greenhouse gas (GHG) emissions from transportation. Biofuels produced from biomass sources through biodegradable techniques are receiving global attention from scholars and scientists. Biomass refers to organic materials which come from microorganisms, wood, plants, agricultural wastes, the dead parts of plants and animals, the waste material of plants and animals and others. Among the choices of renewable energy resources, the energy yielded from biomass can be directly employed for transport fuel in various nations. This could be more feasible in peak demand periods, and a practicable mode at other times. Increasing concern about the climate crisis is another essential aspect that has highlighted the ecological benefits of biomass utilization. Biofuel production and utilization are considered a carbon-neutral path as they are produced from biomass, which absorbs the majority of carbon dioxide released to the environment. Sustainability is a key concern when considering the adaptation of biomass to biofuels.

Guest Editors

Dr. Pratibha Rani

Department of Mathematics, Rajiv Gandhi National Institute of Youth Development, Sriperumbudur 602105, Tamil Nadu, India

Dr. Arunodaya Raj Mishra

Department of Mathematics, Government College Raigaon, Satna 485441, Madhya Pradesh, India

Deadline for manuscript submissions

closed (31 March 2023)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/122658

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

mdpi.com/journal/sustainability

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/journal/sustainability

MDPI

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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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)