



Bioenergy and Environment

Guest Editors:

Dr. Jorge Cara Jiménez

Natural Resources Institute.
Chemical, Environmental and
Bioprocess Engineering Group,
University of León, 24071 León,
Spain

jorge.cara@unileon.es

Dr. Raul Mateos

Natural Resources Institute.
Chemical, Environmental and
Bioprocess Engineering Group,
University of León, 24071-León,
SPAIN.

rmatg@unileon.es

Deadline for manuscript
submissions:

30 November 2021

Message from the Guest Editors

Throughout the world, bioenergy is becoming more relevant, increasingly replacing other types of non-renewable sources such as coal or natural gas. However, in the context of sustainability, bioenergy exerts positive and negative impacts on a variety of environmental and economic problems. This special issue aims to discuss the problems and impacts of bioenergy in society, taking into account the technical, economic, cultural, energy and environmental policies of the countries.

This special issue seeks original contributions on the developments in the technology of obtaining energy from the biomass or waste derived from it, and its involvement at an environmental and economic level. Potential topics include but are not limited to: thermoconversion of biomass and derived waste, combustion, pyrolysis, hydrothermal carbonization. Anaerobic digestion processes, microbial fuel cells. Life cycle assessment of biomass and waste treatment processes derived from biomass. Calculation of the carbon footprint for all processes of obtaining bioenergy.





an Open Access Journal by MDPI

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

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.

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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

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