

Special Issue

Biomass Conversion and Green Technology

Message from the Guest Editors

The aim of this Special Issue is to publish original research papers and short communications, review articles, and case studies on biological resources, chemical and biological processes, and biomass products for new renewable sources of energy and materials. Key areas covered by this Special Issue include: Biomass: sources, energy crop production processes, genetic improvements, and composition. Biological Residues: residues/rests from agricultural production, forestry and plantations (palm, sugar, etc.), processing industries, and municipal sources (MSW). Bioenergy Processes: fermentation, thermochemical conversion, liquid and gaseous fuels, and petrochemical substitutes. Bioenergy Utilization: direct combustion, gasification, electricity production, chemical processes, and by-product remediation. Biomass and the Environment: carbon cycle, the net energy efficiency of bioenergy systems, assessment of sustainability, and biodiversity issues.

Guest Editors

Dr. Yunan Chen

Dr. Lei Yi

Dr. Wen Cao

Dr. Dianyu E

Deadline for manuscript submissions

closed (8 December 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/159937

Sustainability
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 6.8



[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. *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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

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