



Biomass for Energy: Challenges, Opportunities and Potential Solutions

Guest Editor:

Dr. Ekaterina Sermyagina

Energy Technology Department,
LUT University, 53851
Lappeenranta, Finland

Deadline for manuscript
submissions:

closed (31 January 2023)

Message from the Guest Editor

This Special Issue will provide a platform for extensive discussions concerning the possibilities to address the existing challenges of biomass use for energy, e.g., operational, economic, social and policy, and regulatory issues. The overall impact of biomass supply chain practices needs to be explored further. In addition, upgraded technological solutions suitable for an effective and cost-attractive use of biomass resources must be properly addressed.

This Special Issue will intensively focus on the prospects of biomass-derived energy to meet the growing energy demand globally and contribute effectively to the energy transition. Research papers dealing with biomass energy potential upgrades and biomass-driven combined heat and power, co-firing, and combustion plants are most welcome. Evaluation of various other aspects of biomass energy utilization, such as economic and environmental, will also be considered. Papers concerning overcoming policy, regulatory and social challenges will be welcomed.





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. *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.

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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
X@Sus_MDPI