



Reaching Critical Biomass: Sustainability Potential for Forest Biomass Production & Products

Guest Editors:

Dr. Marina Moura Moraes

Embrapa, Brazilian Agricultural Research Corporation, Ministry of Agriculture, Livestock, and Food Supply, Curitiba 83411-000, PR, Brazil

Dr. Aaron K. Hoshide

College of Natural Sciences, Forestry and Agriculture, The University of Maine, Orono, MN 04469, USA

Message from the Guest Editors

Dear Colleagues,

Forest biomass is critical to the long-term sustainability, preservation, and biodiversity of terrestrial forest ecosystems and is used to produce bioenergy, bio-products, and agricultural products. Forest biomass also contributes to the medium-term sequestration of anthropogenic carbon dioxide. It can be used for building materials as well as pulp and paper products. Forest biomass is a renewable source of energy (e.g., heating and electricity generation) via managed woodlots or commercial forestry. Research areas on sustainability may include (but are not limited to) the following:

- Carbon sequestration using forest biomass
- Community and/or environmental impacts of forest biomass management, production, and utilization
- Crop, livestock, forestry integration (CLFI)
- Forest biomass measurement, production, or life cycle
- Forest biomass uses, such as bioenergy, wood vinegar, bio-oil, and biochar and other organo-mineral fertilizers
- Tree biomass relationships to other sustainable wood and/or forest products

Deadline for manuscript submissions:

closed (1 March 2023)

We look forward to receiving your contributions.





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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)