

## Special Issue

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

### Message from the Guest Editors

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

We look forward to receiving your contributions.

---

### Guest Editors

Dr. Marina Moura Morales

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

---

### Deadline for manuscript submissions

closed (1 March 2023)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/114174](https://mdpi.com/si/114174)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



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

#### Journal Rank:

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