

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

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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