Special Issue

Forest-Based Biomass for Bioenergy

Message from the Guest Editors

Bioenergy produced from forest or woody biomass is a key consideration in the global attempt to mitigate climate change. When conducting sustainable forest management practices and using woody residues efficiently, forest biomass can substitute fossil fuels as a source of energy in a climate-positive way. Residues from forestry operations (i.e., harvest residues and lowgrade pulp logs) and wood product industries (i.e., sawdust and off-cuts) can be used for power generation (i.e., electricity) and heat applications in all energy sectors, including domestic, commercial and industrial purposes, and in the production of liquid fuels for transport. While burning wood for heat is one of the oldest forms of energy conversion, the uptake of bioenergy generation from woody biomass has not been extensively embraced because it is a low-value, low-density resource subject to increasing supply chain and conversion technology investments. This Special Issue plans to provide an overview of recent advances in the field of forest biomass for bioenergy and biofuel production.

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Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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