

Special Issue

Development and Utilization of High-Value Products from Woody Biomass

Message from the Guest Editor

Woody biomass comes from trees and woody debris or residues that cannot be used for timber. It is a by-product of forestry operations and the forest industry. This material, highly available, represents a huge untapped biomass resource. Maximizing sustainable woody biomass utilization through efficient and sustainable processes to generate bioenergy, and/or diversified high-value products, will help not only climate change mitigation, but will also contribute to reducing our dependence on fossil resources.

We welcome and solicit manuscripts in the following areas: the catalytic conversion of woody biomass; improved woody biomass biochemical and thermochemical processes to produce liquid and/or gaseous biofuels; new strategies for woody biomass pre-treatments and in situ utilization; novel technologies to achieve highly selective dissolution and the efficient conversion of lignin, cellulose and hemicellulose; the fractional conversion of cellulose and lignin for the maximum retention of small molecules and structures; the utilization of woody biomass products, etc.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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