

Special Issue

Wood as Biomechanical Structure

Message from the Guest Editor

This Special Issue is intended for research related to wood structure variations and mechanical load. Wood as a biological structure is created by nature for many tasks, and trees use different strategies with regard to energy cost. The process of radial growth and heartwood formation seems like a compromise between sap flow for crown and mechanical support. Various environmental conditions affect the tree to create natural modifications of tissue, such as compression wood, tension wood or other variations in cell wood structures. The purpose of this Special Issue is to discuss two points of view: wood as a biological product of trees and as a material for industry. Specifically, this Special Issue will focus on variations in wood properties and wood anatomy under site conditions, tree architecture, extreme factors, tree planting, tree selection, and wood testing. Both original works and reviews are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2022)



Forests

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Impact Factor 2.5
CiteScore 4.6



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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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