

Special Issue

Alternative Woods and Innovative Uses of Traditional Woods for Sustainable Wood-Based Products

Message from the Guest Editors

Wood-based products are regularly sought after for many uses where they exhibit different properties, often simultaneously: lightness, mechanical strength, improved durability, fire resistance, decorative aspect, thermal and/or acoustic insulation, etc.

Adopting alternative species, developing alternative uses for traditional species, and valorizing wood of non-standard sizes and/or quality can remarkably valorize lesser-known or underexploited timber and assortments. This is particularly relevant also to diminish the growing pressure on forest resources and to reduce the load on endangered or overused species and can result in new supply chains based on more efficient and legal sourcing of the raw material.

This Special Issue aims to collect cutting-edge research focused on the performance and sustainability of wood-based products that meet one or more of the abovementioned criteria. Wood-based products are intended here in their broadest sense, i.e., products made of wood alone or of wood bonded together with other wooden or non-wooden materials. Articles that analyze their environmental impact, sustainability, and economic feasibility are welcome as well.

Guest Editors

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About the Journal

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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