# Special Issue

# Wood-Based Composites: Innovation towards a Sustainable Future

## Message from the Guest Editors

Modern society needs materials and products characterized by improved performance, reduced costs and low environmental impact. Wood-based composites (WBCs) are able to provide such answers. The technological and scientific evolution in recent decades has enabled the manufacturing of new and high-performing wood-based composites. Their assembly processes are usually constituted by various steps, including bonding, treatment, and finishing. Nowadays, WBCs are used in several sectors, including transport, marine, building, and furniture. They are appreciated in many applications, where they exhibit different properties, often simultaneously: lightness, mechanical strength, thermal or acoustic insulation, improved durability, decorative aspect, etc. The aim of this Special Issue is to collect cutting-edge research focused on performance, costs, and/or sustainability of innovative wood-based composites. Although not exclusively, the WBCs considered here are those in which wood is combined with other materials and/or different wood species (e.g., layered panels, sandwich structures, wood-plastic composites, products made of recycled raw materials, etc.).

## Guest Editors

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## Deadline for manuscript submissions

closed (30 September 2022)

# Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

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