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Wood Quality and Mechanical Properties

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Message from the Guest Editor

Wood is a material from a renewable source and with excellent mechanical properties. In civil construction, this material stands out because it has an excellent relationship between mechanical strength and density compared to other construction materials, such as concrete and steel. Anatomical issues (which vary from species to species) and soil and climate characteristics directly impact its properties. The crescent interest in building high and robust wooden buildings has stimulated investigations about wood's physical and mechanical properties and their relationships with other relevant material parameters. In this Special Issue of *Forests*, “Wood Quality and Mechanical Properties”, works are expected to focus on the analysis of wood quality (of great importance in the case of planted forest species), as well as the characterization (determination of physical and mechanical properties) of wood species with little or extensive use and even engineered wood materials, whose quality and characterization is highly important to spread their use.



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