



## Application of Glulam Beams in Wood Building Industry

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### Message from the Guest Editors

Dear Colleagues,

Wood is a one of the oldest known materials used in construction. For centuries, it has been applied to produce natural, renewable structural elements that are alternatives to steel or concrete. Glued-laminated timber is an example of an engineered wood product that has attracted the attention of scientists in recent years. GLT has the typical features of solid timber such as lightness, good strength and elasticity, simplicity in fabrication, reusability and environmental compatibility. Its cross-section has a layered structure that enables the manufacture of components with variable cross-sectional heights as needed. As a result, in accordance with Journal Citation Reports, more than 700 scientific papers on glulam beams were published in the last 20 years.

The aim of this Special Issue is to bring up-to-date knowledge on the latest processes for manufacturing structural glulam beams and to present construction products with improved or modified properties. Moreover, this Special Issue also aims to create a space to present new technological solutions and to identify the features and drawbacks of current materials that need improvement.





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