



Sustainable Development of Timber Buildings

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Message from the Guest Editors

With the pressing need to achieve net zero buildings, using timber as a substitute for more carbon-intensive materials has become an option in many countries. With the development of engineered wood products, such as cross laminated timber (CLT), glulam, laminated veneer lumber (LVL), etc., wood has become a reliable material for modern buildings. Timber is lightweight and easy to prefabricate, and hence one of the best options for modern methods of construction (MMC). This Special Issue will not only focus on technical issues regarding how to build with timber but will also aim to be a publication venue for research that demonstrates the environmental benefits of timber. We hope to recruit articles on the following topics:

Wood products and wood material sciences—with a focus on durability;

Structural performance and design of timber buildings;

Fire protection and resistance of timber buildings;

Sustainability and environmental benefits of timber buildings;

Carbon footprint and LCA of timber constructions;

Design and simulation tools of timber buildings;

Wellbeing of occupants in timber buildings.





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Message from the Editor-in-Chief

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