

Special Issue

Sustainable Development of Timber Buildings

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.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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