Special Issue

Adoption of Engineered Wood Products in Building Applications

Message from the Guest Editors

To date, several countries have already utilized engineered wood products (EWPs) to construct multi-story buildings and other complex structures. Nevertheless, at the global level, the adoption of EWPs in the modern construction industry is still in its early stages. Further increase in the pace of adoption requires continuous research and development to better understand the performance of timber-based solutions in building applications and address any shortcomings. This Special Issue (SI) aims to collect scientific contributions in two categories as follows:
Opinion Papers or Perspective Papers: Papers aiming to give insights into the emerging opportunities, existing challenges, and future needs related to the structural or architectural use of timber products in the built environment.
Research Papers: High-quality research papers on developing and/or testing the performance of timber products for novel building applications. For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/buildings/special_issues/ Engineered_Wood

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Deadline for manuscript submissions

closed (30 June 2023)

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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Editor-in-Chief

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