

Special Issue

Innovative Use of Timber and Wood-Based Composites: Applications, Design and Sustainability

Message from the Guest Editor

This Special Issue will provide a platform to exchange ideas on the innovative use of timber and wood-based composites for building construction, with an emphasis on the applications of new structural timber design, the development of new wood-based composites for exterior and interior use, and the performance of the buildings in various aspects, including safety, comfort and sustainability. Potential topics include, but are not limited to, the following:

- Innovative timber structure design;
- Development and application of structural and non-structural wood-based composite materials with new attributes including low emissions, fire resistance and hygrothermal performance;
- Hygrothermal performance of wood-based materials and buildings;
- Acoustic performance of wood-based materials and buildings;
- Durability of wood-based materials and buildings;
- Recycling of building materials.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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