


## Engineered Wood Products (EWPs)

 **Deadline: 10 July 2023**

Dear Colleagues,

Timber is considered as a sustainable and biomaterial. Nowadays, its usage as a green material in humans' life has been more highlighted than in the past. In building industry, timber is proposed as a recyclable, renewable, environmentally friendly alternative to the other materials. Recently, professional engineers and architects try to design and produce the engineered wood products (EWPs), from different solid softwoods and hardwoods, in various sizes and types for more effective and functional applications. EWPs are being used in bridge construction, commercial and industrial buildings due to their economy and architectural flexibility. Moreover, EWPs owing to their low weight, high seismic resistance and dimensional stability are getting popular to be applied in a wide range of climate zones. In recent years, the usage of EWPs increasingly has been noticed as a functional solution for decreasing global warming all over the world as well.

This special issue aims to disseminate relevant and original research on the production, characterization, simulation, and applications of these materials in structural or architectural buildings.

### ***Key word:***

- Timber Engineering: Engineered Wood Products (EWPs)
- Fiberboard (MDF, HDF)
- laminated veneer lumber (LVL)
- Cross Laminated Timber (CLT)
- Oriented Strand Board (OSB)

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