Special Issue

Improvement of Particleboard's Characteristics and Properties

Message from the Guest Editors

The production of wood materials worldwide is developing and has an upward trend. The constantly growing demand shapes such a high output for this type of board. The good mechanical and physical properties of particleboards and their relatively low price make them widely applied in the furniture, building, construction and packaging industries. They can be utilized in furniture production, floor panels, wall panels, joinery elements, packaging, building construction, etc.

We welcome submissions about improvements of raw wood material, new technologies for particleboard production, chemical additives such as adhesives and hydrophobic substances, and production of alternative materials to wood, etc. Hope these researches to provied new methods and direction to improve the mechanical and physical properties, machinability and production of boards with a reduced density.

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Deadline for manuscript submissions

closed (7 August 2023)



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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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