



Trends on the Wood Materials and Technologies

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Message from the Guest Editors

Dear Colleagues,

The woodworking industry uses many materials to produce finished products with improved properties and increased resistance. Not only “dry” methods, e.g., using films, laminates, modified veneers, foams as cladding materials, but also “wet” methods, using varnish products, are used to finishing wood materials. Nanotechnology achievements are used to increase resistance to mechanical and thermal factors as well as for the safety of users. Considering the scarcity of wood, non-wood materials are of necessary interest. With regard to environmental protection aspects, it is necessary to use environmentally friendly materials. At the same time, the threat of environmental pollution requires the development of formulas for resins, adhesives, and lacquer products as well as the technology of their application and curing in the production of wood based materials and the construction of furniture and large-size elements. The obtained final products should show increased resistance to mechanical, thermal, and chemical factors. In case of defects, the use of retouching agents is proposed.





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Message from the Editor-in-Chief

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