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Advanced Technologies in Physical and Mechanical Wood Modification—Volume II

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Message from the Guest Editors

Wood is a material with physical and mechanical properties so impressive that it is difficult to substitute it with alternatives. Due to both its physical structure and its chemical composition, it is a valuable material in many applications. Such processes are generally aimed at improving the physical, biological, and in many cases mechanical properties of wood. In this area, we can distinguish thermal treatment, mechanical treatment or transformation of wood to another form. The aim of this Special Issue is to update the knowledge on the latest wood modification processes and to present wood-based products with improved or modified properties. This issue is also intended to provide a space for the presentation of not only new technological solutions for wood modification but also to identify features as well as drawbacks of wood that need to be improved. We encourage you to submit both purely scientific articles as well as review papers or even interesting expert opinions on new processes of both shallow and deep wood modification. The papers may also indicate directions for the use of modified wood or wood materials.



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Special Issue



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