

Wood Modification Technologies

Principles, Sustainability, and the Need for Innovation

Dick Sandberg, Andreja Kutnar, Olov Karlsson and Dennis Jones



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Wood Modification Technologies

Principles, Sustainability, and the Need for Innovation

Dick Sandberg, Chaired Professor of Wood Science & Engineering, Luleå University of Technology, Sweden, **Andreja Kutnar**, InnoRenew CoE, Slovenia, **Olov Karlsson** and **Dennis Jones**

The aim of this book is to put together the key elements of the changes of wood constituents and the related changes in wood properties of modified wood. Further, a selection of the principal technologies implemented in wood modification are presented. This work is intended for researchers, professionals of timber construction, as well as students studying the science of materials, civil engineering and architecture. This work is not exhaustive or a reference, but intends to deliver an outline of the scientific disciplines necessary to apprehend the technologies of wood modification and its behavior during treatment, as well as during its use.

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