

UDC 674

ISSN 1857-8381 (print)
ISSN 1857-9140 (on-line)
INDEXED in EBSCO's research databases
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**SS. CYRIL AND METHODIUS UNIVERSITY
IN SKOPJE
FACULTY OF DESIGN AND TECHNOLOGIES
OF FURNITURE AND INTERIOR – SKOPJE
REPUBLIC OF NORTH MACEDONIA**



WOOD, DESIGN & TECHNOLOGY

JOURNAL OF

WOOD SCIENCE, DESIGN AND TECHNOLOGY

**Vol. 14, No 1, Pg. 1-90
Skopje, 2025**

WOOD, DESIGN & TECHNOLOGY

Scientific, Professional and Information Journal of Wood Science, Design and Technology

Vol. 14, No.1 / Pg. 1- 90, Skopje, 2025

UDC 674

ISSN 1857-8381(print)

ISSN 1857-9140(on-line)

INDEXED in EBSCO's research databases

Published by

Ss. Cyril and Methodius University, Skopje, North Macedonia

Faculty of Design and Technologies of Furniture and Interior, Skopje

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PREFACE

Dear Colleagues,

We are more than pleased to present you with the the 14th issue of the *Journal “Wood, Design & Technology”*. This issue covers 10 research papers.

The papers herein describe and provide results from the various experimental researching in wood science and technology as they are: the water- vapor permeability of the coated medium density fiberboard; numerical analysis of moisture transport cross-laminated timber (CLT); yield comparison of beech and fir logs in the sawmill processing industry; the effects of natural degradation on the chemical composition of oak; changes in acidity of beech sapwood and false heartwood during steaming saturated water steam; impact of feed rate on energy consumption during cutting dry beech and spruce wood with a circular saw; effect of hot water extraction on the solubility of milled and solid oak wood; effect of tannic acid(TA) on increasing urea-formaldehyde (UF) adhesive performance; signal processing and deep learning as a tool for process monitoring and digitalization of the wood processing and furniture manufacturing industry and digitalization of the wood processing and furniture manufacturing industry.

This journal would be not possible without the great support of referees of the papers and Editorial Board members as well, and we would like to express our sincerely thanks to all of them.

We also thank all of the authors for contributing the papers for this issue.

Yours sincerely,

Prof. dr. Goran Zlateski
Editor-in-Chief
International Journal “Wood, Design & Technology”
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