

Special Issue

Improving Wood Durability through Heat Treatment

Message from the Guest Editors

This Special Issue will focus on the advanced technologies and processes of thermal modification, acetylation, furfurylation, and the combined modification of compaction and heat treatment, and their effects on wood properties. We especially welcome papers relating to the application status and industrial application prospect of these methods, including but not limited to:

- wood drying, cooling and moisture control;
- effects of thermal modification on the physical properties, mechanical properties, durability and weatherability of wood;
- wood life cycle assessment;
- industrial production of thermally modified wood;
- economic costs and benefits of thermally modified wood;
- technological process of wood combination modification, etc.

Guest Editors

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Dr. Miroslava Mamoňová

Deadline for manuscript submissions

closed (15 November 2023)



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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).