## Special Issue

## Eco-Friendly Wood-Based Composites—Challenges and Prospects

### Message from the Guest Editors

This Special Issue focuses on eco-friendly wood-based materials, composites, and wood-polymer hybrids, with particular attention paid to their application in various industries. Special attention will be paid to the use of alternative wood and non-wood raw materials in the production of wood-based panels, as well as modern methods of reinforcing these materials, with emphasis on the use of synthetic materials, biopolymers, and ecofriendly binding agents. We are interested in innovative methods of modifying wood and composites, including technologies for manufacturing, structural optimization, and improving the mechanical, thermal, and resistance properties of materials. In addition, we encourage research on synthetic and bio-based binding agents that can be used in the production of wood-based materials. As part of this issue, we will also consider modern methods of finishing the surface of wood-based materials, which will provide additional protection for composites against mechanical damage, moisture, UV radiation, and other external factors, while maintaining the ecological character of these materials.

#### **Guest Editors**

Dr. Dorota Dukarska

Faculty of Forestry and Wood Technology, Department of Mechanical Wood Technology, Poznan University of Life Sciences, Wojska Polskiego 38/42, 60-637 Poznań, Poland

Dr. Jakub Kawalerczyk

Department of Mechanical Wood Technology, Faculty of Forestry and Wood Technology, Poznan University of Life Sciences, Poznan, Poland

### Deadline for manuscript submissions

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers





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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

#### Editor-in-Chief

#### Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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