

Special Issue

Wood-Based Composites: Materials, Manufacturing and Engineering

Message from the Guest Editors

Due to its unique properties and natural origin, wood is an excellent raw material for the production of ecological boards used in construction, furniture, packaging and many other areas. Thanks to the intensive development of new technologies, modern wood-based composites are appearing on the market, and their production uses wood and other lignocellulosic raw materials with different degrees of fragmentation (veneers, chips, fibers and flour). Chemical additives such as adhesive resins (especially low emission or formaldehyde free), hydrophobic agents, flame retardants, fungicides or additives that improve the hygiene of panels are also used for the production of wood-based composites. In this regard, it is desirable to search for new raw materials or chemical additives, particularly those in line with the green chemistry trend, that will allow the production of wood-based materials with favorable physical and mechanical properties as well as performance properties.

Guest Editors

Prof. Dr. Piotr Borysiuk

Department of Technology and Entrepreneurship in Wood Industry
Institute of Wood Sciences and Furniture, Warsaw University of Life Sciences, Warsaw, Poland

Dr. Radoslaw Auriga

Department of Mechanical Processing of Wood, Institute of Wood Sciences and Furniture, Warsaw University of Life Sciences, 02-787 Warsaw, Poland

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

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

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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