

Special Issue

Recent Developments in Eco-Friendly Wood-Based Composites II

Message from the Guest Editor

Traditional wood-based composites are bonded with synthetic formaldehyde-based adhesives. These adhesives bring certain environmental problems because they release formaldehyde emissions, which is a human carcinogen and toxic for the environment. In recent years, significant efforts have been made to reduce formaldehyde emissions from wood-based composites via the reduction of formaldehyde content in resin formulation; the use of scavengers that scavenge formaldehyde; and post-treatment or surface treatment of the wood-based products and use of natural resins. One of the possible directions is the creation of wood composites based on environmentally friendly products. Another alternative to the use of synthetic formaldehyde-based adhesives is to manufacture binderless wood composites.

The aim of this Special Issue is to collect of original research and reviews focused on laboratory- and industrial-scale solutions to the sustainable development of novel and eco-friendly wood-based composites.

, DrSc.

Guest Editor

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Message from the Editor-in-Chief

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 4.9.

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

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