Special Issue

Advances in Wood and Wood Polymer Composites

Message from the Guest Editor

- The fibrous nature of wood has made it one of the most appropriate and versatile raw materials for various uses. However, two properties restrict its wider use: namely, its dimensional changes when subjected to fluctuating humidity conditions and its susceptibility to biodegradation caused by micro-organisms. Wood can be modified chemically or thermally so that selected properties are enhanced in a more or less permanent fashion. Another option for improving these properties is to exploit solutions that nanotechnology can offer. In addition, the use of lignocellulosic materials for the production of advanced wood composites is an innovative avenue for research.

- This Special Issue seeks high-quality works and topics focusing on the latest approaches to the protection of wood and wood polymer composites with chemical or thermal modification technologies, the applications of nanomaterials in wood science, the application of carbon fiber fabrics, and the use of lignocellulosic materials for the production of advanced wood polymer composites.

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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