

Special Issue

Eco-Friendly Wood Composites: Design, Characterization and Applications

Message from the Guest Editors

The growing environmental concerns have posed new challenges to researchers and industrial practice, related to the development of sustainable, eco-friendly wood composites. This Special Issue is aimed at collecting high-quality original research and review articles on topics including (but not limited to) the latest approaches in the development of eco-friendly wood composites; sustainable, bio-based wood adhesives; approaches to reduce formaldehyde emission from wood composites; binderless wood composites; wood plastic composites (WPC); advanced processes for recycling wood-based composites; thermal and chemical technologies for enhanced protection of wood and wood composites; application of nanomaterials to wood composites; valorization of bark for value-added chemicals and production of wood composites; non-wood lignocellulosic composites; advanced functionalities and application of wood composites. We strongly encourage contributions from wood scientists and experts from all related fields in the form of original research works or review articles.

Guest Editors

Prof. Dr. Pavlo Bekhta

Prof. Dr. Petar Antov

Dr. Yonghui Zhou

Prof. Dr. Viktor Savov

Deadline for manuscript submissions

closed (5 November 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 8.0
Indexed in PubMed



mdpi.com/si/97590

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

[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 8.0
Indexed in PubMed



[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)



About the Journal

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 4.7.

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)