

# Special Issue

## Polymers in Wood Composites: Revolutionizing Eco-Friendly Materials for a Sustainable Future

### Message from the Guest Editor

The Special Issue “Polymers in Wood Composites: Revolutionizing Eco-Friendly Materials for a Sustainable Future” aims to collect high-quality original research and review articles on topics including (but not limited to) the latest approaches in the development of novel eco-friendly wood-based composites; green, biobased wood adhesives derived from renewable sources; novel techniques and methods for reducing formaldehyde emissions from wood-based composites; the synthesis and performance of formaldehyde-free wood adhesive systems; enhanced valorization of renewable lignocellulosic feedstocks for manufacturing sustainable composites; advanced processes for recycling wood-based composites; the recovery, reuse, recycling, and/or upcycling of wood and wood-based materials; valorization of renewable feedstocks for manufacturing value-added chemicals and high-performance wood composites; non-wood lignocellulosic composites; biobased polymer composites based on renewable agricultural and biomass feedstocks; advanced functionalities and application of sustainable polymer composites.

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### Guest Editor

Prof. Dr. Petar Antov  
Faculty of Forest Industry, University of Forestry, 1797 Sofia, Bulgaria

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### Deadline for manuscript submissions

closed (31 December 2024)



# Polymers

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Impact Factor 4.9

CiteScore 9.7

Indexed in PubMed



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## 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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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