

## Special Issue

# Recent Advances in Bio-Based Polymer Composites

### Message from the Guest Editor

This Special Issue aims to explore cutting-edge developments in sustainable materials, particularly with regard to bio-based polymers and their composites. Various reinforcing agents also of bio-based origin have received extensive attention within materials science and engineering; in particular, the use of natural fibers in the reinforcement of various polymers has been widely studied in recent years. The application of various reinforcing agents in biopolymer matrices and their effect on the mechanical, thermal, process-related or biodegradable properties of these materials are within the scope of this Special Issue. Therefore, this Special Issue welcomes the submission of articles that address renewable sourcing to novel fabrication techniques, biodegradation and recycling; this also includes the exploration of different paths for the more sustainable development of composite materials and their application in various sectors, from the packaging to agricultural or automotive industries.

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### Guest Editor

Dr. Zaida Ortega

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### Deadline for manuscript submissions

closed (31 January 2026)



## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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