



Application of Natural Polymers

Guest Editors:

Dr. Rajabipour Ali

College of Engineering, IT &
Environment, Charles Darwin
University, Darwin 0815, Australia

Dr. Milad Bazli

College of Engineering, IT, and
Environment, Charles Darwin
University, Darwin, Australia

Deadline for manuscript
submissions:

closed (10 March 2023)

Message from the Guest Editors

As more countries join the climate change campaign, sustainability gains momentum. Novel dynamics in state relationships and our long history of overusing unsustainable resources are causing many nations to face a high cost of living and shortage of conventional resources. The introduction of alternative lifestyles and, thus, materials is deemed an inevitable task for the academic community, with natural polymers potentially being a part of our alternative lifestyle for the rest of life on Earth. Natural polymers often have very low or even negatively embodied carbon, and their application supports the economy in developing countries and, thus, promotes equity on our planet. When considered for engineering applications, we are also presented with major challenges, such as their relatively low durability performance and large range of property variation in. Addressing these challenges would be a big step toward a sustainable future.

This Special Issue aims to investigate different applications of natural polymers, including, but not limited to, construction, automation, sport and furniture applications.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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 5.0.

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.

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 (*Polymers and Plastics*)

Contact Us

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)