



## Reinforced Rubber Composites: Synthesis and Application

Guest Editors:

**Dr. Ali Fazli**

CTT Group, Saint-Hyacinthe, QC  
J2S 1H9, Canada

**Dr. Elnaz Esmizadeh**

Durability and Service Life  
Prediction of Polymeric Materials,  
Construction Research Centre  
(CONST), National Research  
Council Canada, Ottawa, ON K1A  
0R6, Canada

Deadline for manuscript  
submissions:

**closed (15 October 2024)**

### Message from the Guest Editors

Rubber materials possess unique properties such as resistance to corrosion and chemicals, good durability, low cost, and being easy to recycle and manufacture for versatile applications, which include the automotive industry, wheels and tires, electrical and electronic, marine, construction, biomedical, and other specialty applications. Reinforcement of the rubber material improves their performance by increasing their stiffness, modulus, rupture energy, tear strength, tensile strength, cracking resistance, fatigue resistance, and abrasion resistance.

The current Special Issue, entitled “Reinforced Rubber Composites: Synthesis and Application,” is devoted to gathering knowledge of ongoing scientific and industrial research on all aspects of reinforced rubber composites including their synthesis, characterization, and properties as well as their potential mechanical, electrical, thermal, and other advanced applications.





an Open Access Journal by MDPI

## 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

## 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.

## 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)

## Contact Us

---

*Polymers* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/polymers  
polymers@mdpi.com  
X@Polymers\_MDPI