

## Special Issue

# Recent Advancement in Fibre Reinforced Polymer Reinforcing Bars and Pultruded Sections

### Message from the Guest Editors

Fiber-reinforced polymer (FRP)-reinforcing bars and pultruded sections have emerged as efficient and cost-effective materials in civil engineering and construction. Although the general understanding around the FRP bars and pultruded sections has been improved, and their real-life applications has been increased significantly over the past decade, there are still gaps in the knowledge which limit the potential use and applications of these bars and pultruded sections. This Special Issue aims to highlight the recent developments and applications of FRP bars and pultruded sections. This includes the behavior of FRP bars both at the material level and structural level. The topics proposed for this Special Issue include, but are not limited to, the following:

- Modeling, design, manufacture, and application of FRP bars and pultruded sections;
- Field applications and case studies;
- Performance of FRP bars and pultruded sections under fire and high temperature;
- Bond behavior of FRP bars and pultruded sections in concrete and composites;
- Standards/codes;
- Life cycle assessment.

### Guest Editors

Dr. Reza Hassanli

Dr. Martin Noël

Prof. Dr. Allan Manalo

Dr. Enrique del Rey Castillo

### Deadline for manuscript submissions

closed (30 March 2023)



## Polymers

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/140206](https://mdpi.com/si/140206)

*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto:polymers@mdpi.com)

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





# Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.7  
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)