



Environmentally Friendly Textiles, Fibers and Their Composites

Guest Editors:

Prof. Dr. Sandra Flinčec Grgac

Department of Textile Chemistry
and Ecology, Faculty of Textile
Technology, University of Zagreb,
Prilaz baruna Filipovića 28a,
10000 Zagreb, Croatia

Prof. Dr. Anita Tarbuk

Department of Textile Chemistry
and Ecology, Faculty of Textile
Technology, University of Zagreb,
Prilaz baruna Filipovića 28a,
10000 Zagreb, Croatia

Dr. Snježana Brnada

Department of Textile Design and
Management, Faculty of Textile
Technology, University of Zagreb,
Prilaz baruna Filipovića 28a,
10000 Zagreb, Croatia

Deadline for manuscript
submissions:

1 November 2024

Message from the Guest Editors

Textile fibers, as crucial polymer materials, play a significant role across various areas of human activity. They serve as an inexhaustible source that aids in development and research in fields. Depending on their use, there are diverse requirements for the structural, morphological, mechanical, physicochemical, chemical, multifunctional, and safety-related properties of fibers, textiles, and composite materials. The contemporary focus on sustainable development and a circular economy is imperative. This involves measures to reduce energy consumption and minimize waste production, considering the waste from one industry as valuable raw materials for another. Furthermore, it promotes the use of biodegradable materials and safer chemicals, resulting in a reduction in the environmental impact from harmful effluents.

We invite you to submit your manuscripts related to the development of modified, sustainable, multifunctional fibers and textiles, composites, or smart textiles for the Special Issue of the journal *Polymers* entitled "Environmentally Friendly Textiles, Fibers, and their Composites," for which we serve as guest editors.





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)