

Special Issue

Recycling of Engineering Polymers: Process and Physico-Chemical Changes

Message from the Guest Editors

We are dedicating you to this new Special Issue dedicated to the issues of Recycling Engineering Polymers, where you can post the results of scientific research and share with others new technological solutions aimed at recovering from secondary waste polymeric materials and raw materials with defined characteristics and structure according to the principles of the circular economy. The modern world shows a huge demand for new recycled polymeric materials in the form of recyclates and their mixtures, the properties and structure of which can be compared with virgin materials. The aim of this Special Issue is to bring together research or review papers into a single-issue collection of the current state of the art in the field of mechanical/chemical/organic recycling of polymeric waste, the correlation between processing parameters and the resulting structure and properties of re-granulated or other raw materials obtained by chemical and/or organic recycling. We very much hope that this absorbing topic, driven by the needs of industry and the conservation of non-renewable resources, will prompt you to submit your manuscript to this Special Issue.

Guest Editors

Prof. Dr. Dorota Czarnecka-Komorowska

Polymer Processing Division, Institute of Materials Technology, Faculty of Mechanical Engineering, Poznan University of Technology, Piotrowo 3, 61-138 Poznan, Poland

Dr. Karolina Wiszumirska

Department of Industrial Products and Packaging Quality, Institute of Quality Science, Poznań University of Economics and Business, Poznan, Poland

Deadline for manuscript submissions

closed (31 May 2025)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/165615

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)