

Special Issue

Polymer Waste Recycling and Management II

Message from the Guest Editors

Solid waste treatment is a significant problem nowadays. Millions of solid waste items are produced worldwide annually. They are often disposed of in landfills, but this is both an ecologically and economically unacceptable way. A sustainable alternative is the use of wastes as secondary materials for the manufacture of different types of products. Special emphasis is placed on the recycling of polymeric waste and on their management with respect to the principle of waste hierarchy: minimization/prevention, collection, separation, identification, recovery by recycling, biological recovery, energy recovery by incineration, and storage in ecological landfills. The aim of this Special Issue is to publish original articles, critical reviews, research notes, analyses, and case studies on topics and short communications relating to innovation processes, waste management, and methodologies concerning the reutilization and recycling of polymeric wastes.

Guest Editors

Dr. Cristina Cazan

Department of Product Design, Mechatronics and Environment,
Transilvania University of Brasov, 500036 Brasov, Romania

Dr. Mihaela Cosnita

Centre Product Design for Sustainable Development, Transilvania
University of Brasov, Eroilor 29, 500036 Brasov, Romania

Deadline for manuscript submissions

closed (29 February 2024)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/104465

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 4.9.

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.

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

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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)