



Polymers in Geosynthetics

Guest Editors:

Prof. Dr. Eugeniusz Koda

Institute of Civil Engineering,
Warsaw University of Life
Sciences—SGGW, 02-776
Warsaw, Poland

Dr. Anna Markiewicz

Institute of Civil Engineering,
Warsaw University of Life
Sciences - SGGW,
Nowoursynowska 159 St., 02-776
Warsaw, Poland

Dr. Jacek Kawalec

Faculty of Civil Engineering,
Silesian University of Technology,
44-100 Gliwice, Poland

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Geosynthetics is a name representing a broad range of planar products, which are manufactured mainly from polymeric materials and used in contact with rock, soil, and/or any other civil engineering-related material as an integral part of a human-made system or structure. Geosynthetics polymer composition and structure can have an effect on their properties and functions. It is important to know the polymer compound present in the geosynthetic being used. This Special Issue is devoted to the most recent research on these topics, covering all aspects concerning the composition, structure, and application of geosynthetics.

With a focus on polymers in geosynthetics, potential topics include but are not limited to the following:

- Polymers used for manufacturing geosynthetics;
- Properties of polymers in geosynthetics;
- Polymer identification;
- Fillers, additives to polymers, and their properties;
- Geosynthetic contribution in creation of microplastics;
- Formulation of geosynthetics;
- Manufacturing processes for geosynthetics;
- Structure of geosynthetics;
- Properties of synthetic geosynthetics;
- Functions of synthetic geosynthetics;
- Applications of synthetic geosynthetics.





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 (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