



Polymer Composites in Municipal Solid Waste Landfills

Guest Editor:

Prof. Dr. Jianyong Shi

Key Laboratory of Ministry of
Education for Geomechanics and
Embankment Engineering, Hohai
University, Nanjing 210024, China

Deadline for manuscript
submissions:

5 November 2024

Message from the Guest Editor

Dear Colleagues,

The safe operation of municipal solid waste (MSW) landfill is crucial to avoid contaminant diffusion, environmental impacts, and public health threats. MSW landfill consists of cover systems, solid waste heaps, liner systems, leachate, and gas collection systems. In these functional systems, polymer composites such as geomembranes, geotextiles, geosynthetic clay liner, and high-density polyethylene pipes have been widely used given their excellent engineering properties.

This Special Issue will focus on recent research efforts and advances in polymer composites in MSW landfills and their current or potential applications. Authors are invited to submit their latest results, in the form of both original papers and reviews.

Prof. Dr. Jianyong Shi
Guest Editor





polymers



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)