

## Special Issue

# Polymer Composites in Municipal Solid Waste Landfills

### Message from the Guest Editor

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.

### 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

closed (25 May 2025)



## Polymers

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*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto:polymers@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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