



## Advanced Polymers for Wastewater Treatment and Toxicant Removal

Guest Editors:

**Dr. Seyed Borhan Mousavi**

J. Mike Walker '66 Mechanical Engineering Department, Texas A&M University, College Station, TX 77843, USA

**Dr. Grigorios L. Kyriakopoulos**

School of Electrical and Computer Engineering, Electric Power Division, Photometry Laboratory, National Technical University of Athens, 9 Heroon Polytechniou Street, 15780 Athens, Greece

Deadline for manuscript submissions:

**closed (31 October 2024)**

### Message from the Guest Editors

A considerable amount of freshwater is polluted by wastewater streaming into natural water bodies. Diverse types of contaminants could adversely affect the quality of water/wastewater, namely aromatic compounds, heavy metals, pharmaceutical micropollutants, organic cationic dyes, etc. To overcome the negative consequences of this, many remediation techniques have been employed, such as chemical, physical, and biological treatments. Polymer composites and MOFs have shown attractive capabilities for treating wastewater.

This Special Issue on “Advanced Polymers for Wastewater Treatment and Toxicant Removal” aims to focus on but is not limited to the effect of polymer-based materials, synthesis methods, and characterizations in removing toxic contaminants from waster.

Scientists are welcome to submit their works covering the subject.





an Open Access Journal by MDPI

## 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

## 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.

## 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