



## New and Modified Polymers for Detection and Removal of Pollutants from Water and Air

Guest Editors:

**Dr. Aleksandra Nastasović**

Institute of Chemistry,  
Technology and Metallurgy,  
University of Belgrade, Njegoševa  
12, 11000 Belgrade, Serbia

**Dr. Bojana Marković**

Institute of Chemistry,  
Technology and Metallurgy,  
University of Belgrade, Njegoševa  
12, 11000 Belgrade, Serbia

Deadline for manuscript  
submissions:

**31 March 2025**

### Message from the Guest Editors

The Special Issue “**New and Modified Polymers for Detection and Removal of Pollutants from Water and Air**” will focus on original research, review articles, and short communications related to novel and modified polymers, hybrid materials, polymer composites, and methods for the removal of various organic, inorganic, and biological pollutants. Topics may include, but are not limited to, the synthesis, functionalization, characterization, mechanism, thermodynamic, and kinetic analysis of adsorption, extraction, detection, and techniques for the removal of pollutants (organic, inorganic, gas, emerging chemicals, radionuclides, etc.). Experimental studies and theoretical analysis, as well as process development, simulation, and equipment design, are welcome.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Frank L. Dorman

Department of Chemistry,  
Dartmouth College, Hanover, NH  
03755, USA

## Message from the Editor-in-Chief

*Separations* offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPlus / SciFinder](#), and [other databases](#).

**Rapid Publication:** manuscripts are peer-reviewed and a first decision is provided to authors approximately 12.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).

## Contact Us

---

*Separations* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/separations](http://mdpi.com/journal/separations)  
[separations@mdpi.com](mailto:separations@mdpi.com)  
[X@Sep\\_MDPI](#)