Special Issue

Microbial Methods for Pollutant Removal and Wastewater Treatment

Message from the Guest Editor

To enhance the removal of various pollutants, it is important to consider microorganisms and their potential. Biological wastewater treatment is widely utilized for the removal and/or recovery of organic pollutants and nutrients from wastewater. However, the significance of microorganisms in pollutant removal is paramount due to their remarkable tolerance and survival capabilities in high concentrations of various pollutants. Microorganisms are utilized in various forms, living or dead, autochtones or introduced, planctonic or in biofilms, as pure cultures or microbial consortiums. Hence, this Special Issue is dedicated to exploring novel and innovative approaches in the microbiological removal of different kinds of pollutants.

Guest Editor

Dr. Ivana D. Radojević

Laboratory for microbiology, Department of Biology and Ecology, Faculty of Science, University of Kragujevac, Kragujevac, Serbia

Deadline for manuscript submissions

20 December 2025

Separations

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.5

mdpi.com/si/218238

Separations
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

mdpi.com/journal/separations

Separations

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.5

mdpi.com/journal/separations

MDPI

About the Journal

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.

Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

Author Benefits

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 16.3 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.