



## Environmental Microbiology and Biotechnology

Guest Editors:

**Dr. Dorina Strieth**

RPTU Kaiserslautern-Landau,  
Mechanical and Process  
Engineering, Bioprocess  
Engineering, 67663  
Kaiserslautern, Germany

**Dr. Judith Stiefelmaier**

RPTU Kaiserslautern-Landau,  
Mechanical and process  
engineering, Bioprocess  
Engineering, 67663  
Kaiserslautern, Germany

Deadline for manuscript  
submissions:

**1 July 2024**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to provide a forum for experts, professionals, and readers interested in the sustainable production of biotechnological valuables and their purification. For this Special Issue, we welcome research papers and reviews for the following topics:

- CO<sub>2</sub> sequestration and bioconversion;
- New sustainable production organisms;
- New sustainable process technologies, e.g., electro-fermentation, phototrophic processes;
- Sustainable production of platform chemicals;
- Co-cultivation to increase the efficiency of agricultural products;
- Sustainable downstream processing;
- Sustainable production of building materials;
- Bioremediation;
- Restoration of barren land;
- Influence of pollutants on the environment;
- Renewable raw materials for the production of biotechnological interesting products;
- Science communication.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

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

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

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

## Contact Us

*Sustainability* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

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