

Special Issue

Advances in Soil Microbial Ecology, 2nd Edition

Message from the Guest Editors

The Special Issue invites the submission of original research articles, reviews, and perspectives that span a wide spectrum of topics within soil microbial ecology, including, but not limited to:

- Microbial diversity and community structure in different soil types and ecosystems;
- Microbial interactions and their roles in nutrient cycling and organic matter decomposition;
- Impact of soil microorganisms on plant health, growth, and nutrient acquisition;
- Responses of soil microbial communities to environmental changes and disturbances;
- Microbial contributions to soil carbon and nitrogen dynamics;
- Role of soil microorganisms in ecosystem resilience and restoration;
- Advances in molecular techniques for studying soil microbial communities;
- Microbial contributions to soil ecosystem services and sustainable agriculture.

Guest Editors

Dr. Jie Wang

Key Laboratory of Forest Cultivation in Plateau Mountain of Guizhou Province, Institute for Forest Resources & Environment of Guizhou, College of Forestry, Guizhou University, Guiyang 550025, China

Dr. Yadong Xu

School of Agricultural Sciences, Zhengzhou University, Zhengzhou 450001, China

Deadline for manuscript submissions

closed (31 July 2025)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/214780

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

[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)





Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)



About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for
Environmental Research, 04318 Leipzig, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).