



Hide and Seek of Soil Microbes—Who Is Where with Whom and Why?

Guest Editors:

Dr. Maraike Probst

Institute of Microbiology,
University of Innsbruck, 6020
Innsbruck, Austria

Dr. Judith Ascher-Jenuß

Institute of Microbiology,
University of Innsbruck, 6020
Innsbruck, Austria

Deadline for manuscript
submissions:

closed (31 August 2021)

Message from the Guest Editors

Technical innovations have boosted soil scientists' opportunities to observe soil ecosystems and ask some of the big, yet unanswered questions. Despite its overall benefits, there are several well-known and yet often ignored knowledge gaps in current soil studies.

We aim at opening a vivid discussion on this non-exhaustive list of topics:

Adequate experimental design for representative study of soil ecosystems;

Possibilities and limitations of observing microbial diversity;

Possibilities and limitations of data analysis and their impact on ecological conclusions;

Microbial spatial heterogeneity (across different scales);

How to observe microbial niche partitioning and occupation?

Soil ecosystems, soil microbial communities, and their "function". In what sense can microbes, microbial communities and ecosystems have a function?

Please note that we warmly welcome review articles on all above topics. We hope they will be both useful as a reference and a contribution to a better understanding between experts from different disciplines.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)