



## Role of Soil Microbial Communities in Maintaining Agricultural Soil Quality

Guest Editors:

**Dr. Gábor Csitári**

Institute of Physiology and Nutrition, Hungarian University of Agriculture and Life Sciences, 2100 Godollo, Hungary

**Dr. Zoltan Toth**

Department of Agronomy, Hungarian University of Agriculture and Life Sciences, 2100 Godollo, Hungary

Deadline for manuscript submissions:

**10 December 2024**

### Message from the Guest Editors

Soil microorganisms play a decisive role in most of the processes taking place in the soil and the formation and maintenance of soil quality. Agricultural management affects soil quality in many ways. For sustainable cultivation, to maintain and increase soil quality, it is necessary to know these ways and their effect on soil microbes.

For this Special Issue, authors are invited to publish articles related to the assessment of the amount, activity, and diversity of soil microbial community; development of agricultural practices to modify the soil microbiota; establishment of relationships between the soil microbiota's properties and the effects of agricultural methods; establishment of relationships between the soil microbiota's properties and soil quality; identifying which microbial groups have critical roles in soil processes. Studies assessing the diversity of soil microbiota and proving its importance in maintaining agroecosystem stability are especially welcome.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Les Copeland

Sydney Institute of Agriculture,  
School of Life and Environmental  
Sciences, The University of  
Sydney, Sydney, NSW 2006,  
Australia

## Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

## 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), PubAg, AGRIS, RePEc, and other databases.

**Journal Rank:** JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

## Contact Us

---

Agriculture Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/agriculture  
agriculture@mdpi.com  
X@AgricultureMdpi