

Special Issue

Ecological Environment and Microbial Community of Agricultural Soils

Message from the Guest Editors

The agricultural soil environment is a complex system. Agricultural practices can reduce microbial diversity and alter microbial activity. Modern ecologically sound agriculture depends on the preservation of robust, diversified populations and productive microbial communities in the soil, as well as the development of management techniques that support these ecosystems. The goals of this Special Issue are to describe the progress in the relationship between the ecological environment and the microbial community of agricultural soils, to show how the microbiome and soil function are intertwined, to examine the factors that affect crop productivity, nutrient cycling, and soil health, and to provide ecological insights into bioindicators of soil properties that are important to soil health. In this Special Issue, we invite submissions of research articles and reviews that incorporate studies from several fields (for example, agricultural sciences, biology, environmental sciences, and data science) and interdisciplinary research that expands our understanding of the complex interactions between agricultural management, soil ecology, and microbial communities.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2023)



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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

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