



Ecological Environment and Microbial Community of Agricultural Soils

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Message from the Guest Editors

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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