

Special Issue

Soil Microbial Communities in Agriculture and Environmental Resilience

Message from the Guest Editors

Dear colleagues, Soil is the most diverse habitat on the planet. The soil microbiome includes archaea, bacteria, viruses, fungi, protists and other eukaryotes. Soil microbiome are essential in regulating ecosystem multifunctionality, nutrient cycling, litter decomposition, plant productivity, and also in reducing the potential for pathogenicity. However, several beneficial functions performed by soil microbiome are currently under great threat due to change in climate and patterns of precipitation, soil degradation and poor land management practices. The technological advances in DNA and RNA based studies of soil microbiome, the knowledge on phylogenetic and taxonomic structure of soil microbial community has improved, however, there are unfolded areas to understand the complex organization of below ground biotic interactions in relation with changing environmental factors. In this special issue we invite submissions documenting how agricultural management practices influence the structural and functional composition of soil microbiome. Both research and review articles are open to submission in this issue.

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Deadline for manuscript submissions

closed (20 November 2022)



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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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