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Microbial Ecology of Soil Microorganisms, Networks with Plants and Ecosystem Services

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Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks to explore the multifaceted world of soil microorganisms and their interactions with plants and the broader ecosystem, including:

Plant-microbe interactions: investigating the molecular and ecological mechanisms governing the plant-soil microbial interactions and their implications for plant health and productivity;

Microbial diversity and community dynamics: exploring the factors that shape the microbial community structure in soil and how these communities respond to environmental changes;

Ecosystem services: assessing the contributions of soil microorganisms to ecosystem services, including nutrient cycling, disease suppression and soil fertility;

Emerging technologies: highlighting innovative technologies and approaches for studying soil microorganisms and their roles in ecosystem functioning.

We eagerly await your contributions and the opportunity to collaborate in advancing our knowledge of this vital aspect of ecology.

Keywords: soil microorganisms; ecosystems; plantmicrobe interactions; microbial diversity







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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in highquality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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