



Survival and Growth of Soil Microbial Communities in Forest Ecosystems

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Message from the Guest Editors

Soil microbial communities play a crucial role in forest ecosystems. In temperate and boreal forests, ectomycorrhizal symbiosis with Ascomycota and Basidiomycota fungi is an overriding symbiosis of trees. In the tropical and subtropical zones, symbioses between trees and arbuscular mycorrhizal fungi is more common.

This Special Issue is aimed at providing an interdisciplinary approach to soil microbial communities in forest ecosystems, with special consideration to the dual mycorrhizal symbiosis and tripartite symbiosis of trees. Potential topics include, but are not limited to:

Ectomycorrhizal fungal communities in forest and urban ecosystems;

Arbuscular symbiosis of forest tree species;

Functional diversity of soil microbial communities;

Tripartite symbiosis between plants, mycorrhizal fungi, and nitrogen-fixing bacteria;

Influence of alien species on the symbiotic microbiome of indigenous tree species.





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