



Soil Microbial Communities in Forests: Assessing Impact of Disturbances and Climate Change

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Message from the Guest Editors

A forest's biodiversity is a key factor in its functioning, which results in a multitude of forest ecosystem services and in maintaining its adaptation and resilience to climate change. Forest biodiversity is changing dramatically due to current management practices. The extent of anthropogenic forest conversion to other land uses is continuously increasing over time. In this context, the characterization of the impact of forest disturbance on terrestrial biodiversity is essential. Soil microbial communities are increasingly being used to determine the responses of soils to stress and disturbances. Climate change also significantly impacts the soil biota, with consequences for soil functioning. Microbial communities might thus serve as an indicator of forest ecosystem status. Therefore, new studies on the responses of microorganisms to various disturbances, including climate change and forest management activities, are needed. This Special Issue is aimed at publishing selected contributions on the effects of forest disturbance and climate change on soil microbial communities and on plant-associated microbiomes.





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Message from the Editor-in-Chief

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