

Special Issue

Environmental Factors Shaping the Soil Microbiome

Message from the Guest Editors

We are inviting submissions to the Special Issue on “Environmental Factors Shaping the Soil Microbiome”. The soil microenvironment is controlled by the dynamics of soil microbial diversity and community profiles. The microbial community profiles define the quality of soil, and various abiotic and biotic factors are responsible for shaping the soil microbiome. Different environmental factors such as long-term fertilization, soil salinization, soil contamination, atmospheric CO₂ concentration and altered precipitation effect the microbial community of the soil. The preliminary idea about the microbial community profiles of the particular soil sample will enable us to screen potential microbes, which could be helpful in developing technologies to improve soil quality. In this Special Issue, we invite submissions concentrating on soil microbial community profiles shaped by multifactorial environmental conditions. Both research and review articles are open to submission in this issue.

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Deadline for manuscript submissions

closed (15 December 2020)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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