



Effects of the Soil Microbiome on Nutrient Cycling and Soil Health in Agroecosystems

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Message from the Guest Editor

Soil microbiomes consist of a diverse community of microorganisms, including bacteria, fungi, and other groups, which interact to influence nutrient availability to plants, decompose soil organic matter, and form soil structure. These interactions are essential for the cycling of nutrients, such as nitrogen, phosphorus, and potassium, which are essential for plant growth and productivity. Therefore, the soil microbiome plays a critical role in driving nutrient cycling and maintaining soil health in agroecosystems. In agroecosystems, the composition and activity of the soil microbiome could be influenced by agricultural practices and management, such as tillage, fertilization, and crop rotation. Understanding the effects of these practices on the soil microbiome is critical in order to maintain sustainable agricultural development and ensure food safety. This Special Issue intends to collect and publish research advances on the effects of the soil microbiome on nutrient cycling and soil health in agroecosystems, which appears to be a highly attractive topic and well within the scope of agronomy.





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Message from the Editor-in-Chief

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