Special Issue

Effects of Different Crop Systems on Soil Enzyme Activities

Message from the Guest Editors

Soil enzyme is a bioactive substance secreted by soil microorganisms, animals and plants. It has strong catalytic ability and can participate in various biochemical processes, such as soil organic carbon decomposition and sequestration, nutrient cycling and transformation. Therefore, soil enzyme activity is often used as a basic and sensitive indicator of soil quality and ecosystem function. Studying the soil enzyme activity of different crop systems will help us to propose favorable management measures for different crop systems. This Special Issue will focus on “Effects of Different Crop Systems on Soil Enzyme Activities”. We are open to novel research, reviews and opinion articles covering all aspects of the responses of soil microbe and enzyme activity to crop systems as well as their mechanisms. It includes, but is not limited to, studies on soil enzyme activities, the relationship between soil nutrient cycling and enzyme activity, the relationship between soil microbe and enzyme activity, the response of soil enzyme activity to biotic, and abiotic factors and plant productivity in different crop systems.

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Deadline for manuscript submissions

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