

Special Issue

Soil Microorganisms Dynamics under Different Cropping Systems

Message from the Guest Editors

Soil microorganisms, including bacteria, fungi, viruses, archaea, protozoa, and nematodes, are important for soil health and plant growth. They reside in the bulk and/or in the rhizosphere soil, and are responsible for a vast number of vital ecosystem functions and services, such as primary production, soil structure formation, carbon sequestration, and nutrient mineralization. However, soil microbial impact on crop and soil health will depend on the composition and activities of existing soil microorganisms as well as other soil characteristics. Therefore, to better understand the fundamentals of soil microbes, the effects of any common and novel farming practices on soil microorganism diversity, abundance, community composition, inter-/intra-species interactions, and their functions are encouraged to be included in this Special Issue. The main purpose is to exchange knowledge on any aspect of soil microorganisms in farming systems, thereby promoting the beneficial role of soil microbes in building healthy soils.

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