



Microbial Mechanisms of Soil Nutrient Cycles in Agricultural Systems

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Deadline for manuscript
submissions:

closed (20 April 2022)

Message from the Guest Editors

Dear Colleagues,

Microbes are the most diverse organisms on earth, which play critical roles in maintaining ecosystem multifunctionality, such as nutrient cycling, litter decomposition, primary production, climate regulation, biodiversity, etc. However, how soil microbes regulate biogeochemical functions remains one of the fundamental challenges for understanding terrestrial ecosystems under the changing environment.

The aims of this Special Issue are to describe and explain the fundamental microbial features and processes occurring in soil systems. This Special Issue encourages submissions with mechanisms of microbes in regulating soil biogeochemical functions in a changing world. The ecological and biochemical processes of soil microorganisms under global change are major topics, including carbon and nutrient cycles under climate change, nitrogen deposition, land-use change, elevated carbon dioxide, etc. The applications of new molecular techniques to exploring the microbe population and community dynamics are of great interest.

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Message from the Editor-in-Chief

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