



Effects of Agricultural Management Practices on Soil Microbial Ecology and Crop Productivity

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Message from the Guest Editors

Crop production is challenged by an array of interrelated stresses that range from climate change to rising input costs. Soil health has been widely cited as an effective response. The enhancement and maintenance of microbial diversity (i.e., community structure and function) is central to soil health benefits. Due to the complex nature of crop yield, the direct relation of soil microbial diversity to crop production is difficult to establish. However, without a sound comprehension of the effects of agricultural management on microbial diversity or ecology, and the relation to crop productivity, the adoption of soil health by farmers will be constrained by the perception of economic risk.

In this Special Issue we seek contributions documenting the effects of agricultural management practices on soil microbial ecology and its relation to any aspect of crop productivity. In addition to microbial community structure and functional diversity, submissions may touch on such topics as plant growth promoters, soil-borne pathogen suppression, seed quality, microbial biogeography, or similar subjects.





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Message from the Editor-in-Chief

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