



## Significance of Microbial Communities to Soil Organic Matter and Soil Quality

Guest Editors:

### Dr. Jay Prakash Verma

Plant Microbe Interactions Lab,  
Institute of Environment and  
Sustainable Development,  
Banaras Hindu University,  
Varanasi 221005, Uttar Pradesh,  
India

### Dr. Ademir Sérgio Ferreira De Araujo

Centro de Ciências Agrárias,  
Universidade Federal do Piauí,  
Teresina, PI, Brazil

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### Message from the Guest Editors

Soil organic matter (SOM) is an important soil property that helps to maintain and improve soil quality (SQ). Therefore, there is an intrinsic relationship between SOM and SQ, and it is fundamental to promote plant growth and converse the environment. Soil microbial communities play an important role in the degradation and decomposition of SOM to release macro and micro nutrients in soils. Soil microorganisms use SOM as a carbon source for energy and growth. This Special Issue aims to discuss and advance the knowledge about soil microbial communities and their relationship to SOM and SQ. Original papers and reviews describing studies on the influence and action of soil microbial communities in SOM and SQ are welcome and related topics: Soil microbial diversity for the degradation and decomposition of soil organic matter; Biofertilizer/PGPR/microbia inoculant/microbial consortium for soil fertility and health management; Functional attributes of soil health indicators; Soil microbiomes for maintaining soil quality; Climate-resilient microbial inoculants for multiple crop productivity.

Dr. Jay Prakash Verma

Dr. Ademir Sérgio Ferreira De Araujo

Guest Editors





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### Prof. Dr. Leslie A. Weston

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2678, Australia

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*Agronomy* Editorial Office  
MDPI, Grosspeteranlage 5  
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