

## Special Issue

# Soil Microorganisms and Plant Growth

### Message from the Guest Editors

The overuse of chemical fertilizers and pesticides has negative effects on ecosystem services. Understanding the roles of soil microorganisms and their interactions with host plants is important for developing helpful microbe products to reduce pesticide and fertilizer inputs in sustainable agriculture. With this Special Issue titled “Soil Microorganisms and Plant Performance”, we aim to 1) increase our understanding of how all microorganisms and their functionalities influence plant performance in sustainable agriculture; 2) decipher how microbial interactions within the diverse soil microbiomes determine plant performances; and 3) seek research of new microbial species with innovative mechanisms to enhance plant performance, and how the applications of those new microbial species affect soil microbial communities and ecosystem services. Not being limited to the above topics, other topics of research concerning soil microorganisms and plant performance in sustainable agriculture are also welcome.

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### Guest Editors

Dr. Wu Xiong

Dr. Nan Zhang

Dr. Zhihui Xu

Dr. Jia Li

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### Deadline for manuscript submissions

closed (1 June 2022)



## Sustainability

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### Editor-in-Chief

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