



## Soil Microorganisms and Plant Growth

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (1 June 2022)**

### Message from the Guest Editors

Dear Colleagues,

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.

Dr. Wu Xiong

Dr. Nan Zhang

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## Message from the Editor-in-Chief

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