Special Issue

Beneficial Microbes for Sustainable Agriculture

Message from the Guest Editor

Beneficial microbes that create symbiotic associations with plant roots could improve the nutrient profile of crops and the resistance of plants to certain pests, diseases, chemical treatments, and stressful environmental conditions. This Special Issue on "Beneficial Microbes for Sustainable Agriculture" is aiming at providing the state of the art and perspectives of knowledge about beneficial microorganisms in agriculture with an evaluation of key mechanisms of interaction between beneficial microbes and plants, and the performance of these microbes to improve the productivity and sustainability of agricultural systems. It welcomes reviews, perspectives, communications, and original research articles focusing on the functional relationship between plants and their microbiota. Applications of beneficial microbes in green energy production, pollution control, and bioremediation for contaminated farmland field are also of particular interest.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2022)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/67174

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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