

Special Issue

Promising Microorganisms Usage Focused to Crop Improvement for Sustainable Agricultural Production

Message from the Guest Editors

With this Special Issue we try to compile the most recent knowledge on the use of beneficial microorganisms to improve agricultural production, putting emphasis not only on their application as biofertilizers, biofungicides, or biopesticides, but also in their help to promote plant growth through hormones or compounds. Some soil components can be up-taken by the plants in a better way with the presence of beneficial microorganisms. This point is also highlighted in this Special Issue. In addition to these traditional practices, scientists are also investigating plant breeding and engineering strategies which could potentially target a broad spectrum of pathogens or generate new disease-resistant crops. We, therefore, invite researchers to submit papers, original research, reviews, mini-reviews, and method papers on the following topics (but not limited to):

- Beneficial microorganisms;
- Biological control of plant pathogens;
- Biofungicides;
- Plant growth promotion;
- Soil health;
- Sustainable agriculture;
- Biopesticides;
- Plant-microbe interactions;
- Genetic engineering practices in agriculture.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)



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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

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