

## Special Issue

# Microbial Plant Biostimulants for Agricultural Sustainability: Progress and Challenges

### Message from the Guest Editors

Plants are constantly challenged by an array of biotic and abiotic stressors, which significantly affect their growth, development and yield. In addition, they can also change soil physicochemical properties, which have a significant impact on plant growth and their survival. In field conditions, these stressors can occur either individually or in combination. As global climate change progresses, the frequency and intensity of these stressors have increased, which has further endangered plant survival as well as posing a serious threat to food security. Since expanding agricultural areas is unsustainable, the only way we can move forward is by harnessing sustainable approaches to improve crop growth and yield. One such approach is utilizing microbial or plant-based bio stimulants for improving agricultural productivity. This Special Issue will cover the role of microbial or plant-based bio stimulants for improving plant growth and stress resilience. Also, papers related to microbiome or plant engineering to improve the efficiency and stability of bio stimulants for sustainable crop improvement and mitigation of biotic and abiotic stresses will be considered.

### Guest Editors

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### Deadline for manuscript submissions

30 October 2025



## Plants

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Impact Factor 4.1  
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### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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