

Special Issue

Nano-Farming: Crucial Solutions for the Future

Message from the Guest Editors

Dear Colleagues: Nanotechnology has great applications in all our life including the farming field. Farming and crop production nowadays suffer from many challenges, which including abiotic and biotic stresses. Applied nanoparticles have shown promising potential to support crop growth under multiple stressors in a sustainable way as well as for nano remediation purposes. Nano-fertilizers have emerged as an alternative fertilizer for sustainable agriculture. Nano-remediation also can be used to solve many environmental problems including polluted soil and water. All sustainable approaches for soil health, food security and human health are also needed to be considered. Conservation of the degradation of soil and water in forestry and agroforestry using all available tools including nanomaterials are also important issues. The using of soil mapping and remote sensing in managing the soil and water are promising tools. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Review, mini-review, original articles and short communication.

Guest Editors

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Deadline for manuscript submissions

closed (15 September 2025)



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Editor-in-Chief

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