

Special Issue

Sustainable Plant Nutrition in Water-Limited Environments

Message from the Guest Editors

This Special Issue seeks to bridge knowledge gaps between plant nutrition, drought stress adaptation, and sustainable agriculture. By highlighting innovative strategies, interdisciplinary research, and practical applications, this issue will provide valuable insights for researchers, agronomists, and policymakers working to enhance food security while conserving water and soil resources. We invite original research articles, reviews, and perspectives that address, but are not limited to, the following topics:

- Nutrient–water interactions and their effects on crop growth, yield, and quality.
- Mechanisms of nutrition-mediated drought tolerance at physiological, biochemical, and molecular levels.
- Soil fertility management, organic amendments, and biofertilizers for water-limited agroecosystems.
- Precision and integrated nutrient management strategies under drought conditions.
- Modeling, monitoring, and decision-support tools for nutrient optimization in water-limited environments.
- Case studies on sustainable cropping systems in arid and semi-arid regions.

Guest Editors

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Deadline for manuscript submissions

10 February 2027



Sustainability

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.9



mdpi.com/si/267301

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Message from the Editor-in-Chief

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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