

Special Issue

Fertilizer Innovation and Practice in Sustainable Intensified Agriculture

Message from the Guest Editors

This Special Issue invites cutting-edge research submissions on innovative fertilization strategies to promote sustainable agriculture. Particular areas of interest for this Special Issue include improving soil fertility for optimal nitrogen uptake, identifying site-specific soil fertility thresholds, and employing diagnostic tools to monitor plant nutrition during critical yield formation stages. Contributions should explore the integration of secondary nutrients and microelements to enhance nitrogen efficiency and crop productivity while minimizing environmental impacts. We welcome studies that balance high agricultural yields with ecological sustainability, advancing our understanding of nutrient interactions and their role in soil-plant systems. Solutions addressing these challenges will contribute to long-term food security and the development of sustainable farming practices.

Guest Editors

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Deadline for manuscript submissions

closed (15 March 2026)



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