

Special Issue

Fertility Management for Higher Crop Productivity

Message from the Guest Editors

As the global population continues to expand, the demand for increased agricultural output intensifies, placing unprecedented pressure on the world's arable land. Conventional farming practices often rely on excessive chemical fertilizers that can lead to soil degradation. The challenge is therefore to develop sustainable fertility management strategies that protect soil health and optimize nutrient supply to crops. We welcome contributions that cover a range of topics, including, but not limited to the following:

- Advances in understanding the soil–plant nutrient nexus and its implications for crop yield and quality;
- Development and application of precision agriculture tools and techniques for optimizing fertilizer use efficiency;
- Strategies for enhancing the biological component of soil fertility through microbial inoculants, cover cropping and organic amendments;
- Integrative approaches combining traditional knowledge with modern science to revitalize and maintain soil health.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2025)



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Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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