

Special Issue

Advances Towards Innovative Fertilizers for Sustainable Agriculture

Message from the Guest Editors

Fertilizers support world food production and soil health around the world. This Special Issue will address scientific research focused on advances, innovations, and technologies to improve fertilizer use efficiency in sustainable food production systems. We invite the submission of manuscripts on slow- and controlled-release fertilizers, nitrification, urease inhibitors and biodegradable polymer coatings for fertilizers, which are all innovative technologies addressing improvements in nutrient management in agricultural soil. We also encourage contributions that investigate carbon footprint, nitrous oxide and ammonia mitigation practices. Innovations related to phosphate, potassium, sulfur, magnesium, calcium and micronutrient fertilizers are also important topics for consideration, alongside new findings related to interfaces among organic matter and microorganisms, biostimulants and nutrients in organo-mineral fertilizers. It is in light of such rapid advances in fertilizer innovations that we have created this Special Issue. Therefore, we kindly invite authors to submit original research or systematic reviews related to cutting-edge fertilizer technologies.

Guest Editors

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Deadline for manuscript submissions

30 December 2025



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/233056

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Editor-in-Chief

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