

Special Issue

Soil Nutrient Cycling and Management of Agronomy

Message from the Guest Editors

With a growing demand for food production to increase 50%–70% by 2050, sustainable food security has drawn increasing attention from researchers, decision-makers, and producers. Improving nutrient cycling and management of soil is a crucial battlefield. This Special Issue invites original research, review articles, and short communications to strengthen knowledge base and advance understanding of critical soil management issues in sustaining productivity while preserving environmental health. Topics include but are not limited to: 1) fertilizer practices, cropping systems, and soil management; 2) metabolic and genomic mechanisms of plant-microbe interactions; 3) modeling soil nutrient cycling and availability to facilitate intrinsic system based decision-making processes; and 4) innovative agronomic technologies, such as unmanned aerial vehicle (UAV), SMARTFARM, carbon farming, and precision agriculture.

Guest Editors

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Deadline for manuscript submissions

closed (5 March 2022)



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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

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