



Soil Nutrient Cycling and Management of Agronomy

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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 battlefront. 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.





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Message from the Editor-in-Chief

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