

## Special Issue

# Efficient Utilization of Water and Fertilizer Resources on Farmland Ecology

### Message from the Guest Editors

Pollutants released into the environment by industrial and agricultural activities degrade the soil quality. Besides, the excessive use of fertilizers, causes significant environmental pollution. In recent years, agricultural regions around the globe have been subject to extensive and increasing water constraints. Agriculture production is highly dependent on water. Improving nutrient and water management is therefore essential to agro-food sector. Agronomic practices such as returning straw to the field, zero tillage, intercropping and crop rotation, the efficient utilization of water and fertilizers and the addition of green manure and organic fertilizers are all conducive to improving the farmland's ecological environment. A full and comprehensive understanding of the agronomic and physiological factors affecting the optimum utilization of nutrients, as well as water management practices, is needed. Research papers and comprehensive review articles on any aspect related to this topic are welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2023)



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### Editor-in-Chief

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