# **Special Issue**

# Nutrient Cycling and Environmental Effects on Farmland Ecosystems

### Message from the Guest Editors

Nutrient cycling in farmland is a vital safeguard for soil vitality and agricultural production, as well as a key factor in ecosystem balance. The excessive use of fertilizers, improper waste management, and reduced nutrient recycling have led to nutrient imbalances, water pollution, greenhouse gas emissions, and biodiversity loss. Understanding the intricate interplay between nutrient cycling and environmental effects is crucial for addressing these challenges and promoting environmentally friendly agricultural systems. Innovative research that explores the complex interactions between nutrient cycles, soil health, water quality, greenhouse gas emissions, and biodiversity conservation will form the core of this Special Issue. This Special Issue aims to explore the mechanisms and processes of nutrient cycling in farmland ecosystems, and identify innovative approaches that promote sustainable nutrient management while minimizing negative environmental consequences. This Special Issue solicits original research articles, reviews, case studies, theoretical discussions, and policy papers addressing sustainable nutrient management in agriculture.

### **Guest Editors**

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### Deadline for manuscript submissions

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### Editor-in-Chief

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