



Nutrient Cycling in Agro-Ecosystems

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Message from the Guest Editors

Dear Colleagues,

Biogenic elements such as carbon, nitrogen, and phosphorus are important for the growth of crops and animals, and hence are the keys for modern agricultural production. These elements can be input into agroecosystems as fertilizers and feeds and may enter into the wider environment as gases or ions, after a series of biogeochemical processes. Thus, it is important to explore the processes of nutrient cycling and their influencing factors in the agroecosystems, so as to the underline effects on environment protection, on soil health, and on crop yield and quality. In addition, better nutrient management practices are urgently needed to reduce pollution while improving use efficiencies.

This Special Issue will mainly focus on carbon, nitrogen, and phosphorus cycling in crop and livestock production systems. The major topics include: 1) carbon sequestration, greenhouse gas emissions, and mitigation; 2) non-point source pollution and control; and 3) nutrient cycling and soil health. Manuscripts related to new methods, new mechanisms, and novel measures for understanding the processes of nutrient cycling and eliminating environmental pollution are welcome.





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Message from the Editor-in-Chief

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