

Special Issue

Sustainable Phosphorus Management in Crops

Message from the Guest Editors

At present, phosphorus (P) is seen as a strategic resource, and it is self-evident that its management should be sustainable and circular. Rational P management in the crop field is important, as food production begins there, and the crop plant is the first beneficiary of available P, either from the soil pool or fertilizers. This Special Issue aims to present solutions for managing P in crop fields in different world regions, and cropping systems, that promote food security, while avoiding environmental damage. Research, review, and opinion articles may include, but are not limited to, the following topics: the assessment of soil P abundance and availability; diagnostics of the P requirements of crop plants; managing/optimizing P availability in the soil through biotic and abiotic factors; strategies for feeding plants with P from external nutrient carriers; options for improving P use efficiency by crop plants; controlling/reducing P losses from the soil–crop system; P balance in the crop field and crop rotation; the economic and legal aspects of P management in crops; and farmers' awareness of sustainable nutrient management.

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