

Special Issue

Plant Nutrition, Plant-Soil Relationships and Sustainable Agriculture

Message from the Guest Editor

Sustainable agriculture is one of the greatest challenges for modern, low-input, low-cost agriculture, aiming also at achieving high nutritional qualitative products.

Sustainable fertilizer sources, such as by-products of the food-industry, animal manures, and different kind of bio-fertilizers enriched with suitable microorganisms are recently used as soil amendments, in order to improve soil fertility and soil physical properties, to decrease chemical fertilizer inputs and to enhance sustainable nutrient management. This Special Issue focuses on the role of innovative fertilizers on sustainable nutrient management in agroecosystems, as well as on the role of sustainable field management practices on the decrease of nutrient losses and improvement of soil fertility. Special emphasis will be paid on the combinational effects, derived from the use of controlled N release fertilizers and/or other innovative soil amendments with sustainable field management practices, on soil fertility and plant nutrition. This Special Issue will include interdisciplinary studies embracing disciplines from soil fertility and microbiology, plant nutrition, and sustainable agriculture.

Guest Editor

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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