Special Issue

Soil Fertility Maintenance and Restoration in Sustainable Agriculture

Message from the Guest Editors

The sustainability of an agroecosystem depends significantly on the proper management of soil fertility. Soil fertility management is the foundation of agriculture and is essential for sustainable agricultural production. Soil fertility and plant nutrition are important components of plant production. The productive capacity of soils requires the provision of adequate and balanced amounts of nutrients to ensure adequate plant growth. Soil fertility management is among the most important processes affecting crop productivity and sustainability. Improper agricultural management can lead to soil depletion and have negative impacts on the environment. Some of the goals of this new decade are to improve sustainable production methodologies and reduce negative environmental impacts. Therefore, it is of special importance to investigate practices that allow the restoration and promotion of soil fertility to maximize agricultural production. However, we must also look to preserve and protect the quality of soil, water and natural resources.

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