

Special Issue

Soil Health Management for Ecological Sustainability in Agricultural Systems

Message from the Guest Editor

Soil health is an integrative concept defined as the continued capacity of soil to function as a vital living ecosystem that sustains plants, animals, human and the environment. Sustainable agricultural ecosystems have the potential to provide ecological and environmental services that promote soil conservation, reduce greenhouse gas emissions and improve soil health. This approach is targeted towards minimal use of off-farm inputs with management practices that restore, maintain and enhance ecological harmony. Soil health management practices typically integrate the use of crop rotations, reduced tillage, cover crops and animal wastes to enhance soil fertility by fostering soil health and mitigating greenhouse gas emissions. This Special Issue intends to cover the state-of-the-art and recent progress in different aspects related to how specific soil health management practices like tillage intensity, amendment type and livestock integration impacts ecosystem services, specially carbon and nitrogen cycling....

Guest Editor

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