Special Issue

Soil Health and Sustainable Agriculture

Message from the Guest Editors

Current agricultural practice faces challenges related to environment degradation and food security due to unsustainable customs and traditions. Realizing the sustainable development of agriculture has become a worldwide concern in line with the increasing ecological global crisis and demand for food safety. Sustainability in agriculture is fundamental to achieving the Sustainable Development Goals of the United Nations, many of which reflect the central role of soil in sustaining food, water and life. Healthy soil provides multiple ecosystem services, e.g., regulating soil nutrient cycling, reducing greenhouse gases from the atmosphere, and maintaining water quality and plant productivity. We must recognize the contribution of soil health to basic ecosystem services, food security, climate change mitigation and adaptation, and sustainable development.

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