Special Issue

Enhancing Soil Fertility Through Sustainable Agricultural Practices and Organic Amendments

Message from the Guest Editor

Soil fertility is essential for sustainable agriculture, influencing food security, environmental health, and economic stability. Sustainable soil management depends on preserving soil health to maintain productivity and support a positive environmental state. Key practices include conservation agriculture, crop rotation, intercropping, and organic amendments. As climate change and soil degradation intensify, adopting sustainable approaches is crucial. Organic amendments improve fertility by adding organic matter, enhancing structure, supplying nutrients, reducing greenhouse gas emissions, supporting biodiversity, improving moisture retention, and reducing erosion. This Special Issue presents science and practices that enhance soil fertility, health, and crop yield, with a focus on organic methods such as compost, biofertilizers, and crop residues. It also addresses soil degradation, nutrient loss, long-term impacts of intensive farming, agroecological strategies for climate mitigation, circular economy approaches, and socio-economic and policy perspectives on sustainable soil management.

Guest Editor

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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

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