

Special Issue

Soil Management for Sustainable Agriculture

Message from the Guest Editors

Soil provides the essential nutrients, water, and root support that food-producing plants need to grow and thrive. The use of mineral fertilizers and intensive cultivation has had a negative impact on biodiversity, significantly worsening the physical and chemical properties of soils. Sustainable soil management not only reverses this trend but also improves soil fertility. The main goal of sustainable agriculture is to meet society's food needs without compromising the ability of future generations to meet their own needs. Specific topics of interest include, but are not limited to: Articles on agroecology, agroforestry, and landscape ecology; Applications in conservation ecology and the preservation of biodiversity in agriculture; Soil as a key component for carbon sequestration; Use of irrigation and fertigation to relieve water stress; Transformation of nutrients and their interaction with soil enzymes; Methods for the effective management of ingredients; Using intelligent soil monitoring tools; The sustainable use of useful microorganisms in the rhizosphere; Reclamation of soils contaminated with metals and pesticides.

Guest Editors

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