Special Issue

Challenges for Agricultural Sustainability: Soil Ecosystem Services and Quality Indicators

Message from the Guest Editors

Soils provide a broad set of vital ecosystem services, but despite this important role it is under threat all over the world. Soils are dynamic systems that generate multiple functions. These soil functions support the delivery of key ecosystem services, such as climate and water regulation, carbon sequestration, or nutrient cycling, all of which can be seriously affected in degraded ecosystems.

For this Special Issue, authors are invited to publish articles from the field of agriculture, highlighting the prospects and changes related to the soil quality indicators and their impact on ecosystem services due to the applied various land use techniques. Articles discussing and providing an overview of the current knowledge of soil quality indicators in the context of ecosystem restoration; presenting examples of soil physicochemical and microbiological indicators, and current and novel methodologies for their assessment; and discussing the benefits and challenges of integrating these indicators in global soil and ecosystem restoration strategy are welcome in this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (30 July 2023)



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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

Prof. Dr. Steve W. Lyon

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