



Challenges for Agricultural Sustainability: Soil Ecosystem Services and Quality Indicators

Guest Editors:

Dr. Ieva Mockeviciene

Lithuanian Research Centre for
Agriculture and Forestry, Institute
of Agriculture, Vezaiciai Branch,
Vezaiciai, Klaipeda District,
Lithuania

Dr. Monika Vilkiene

Lithuanian Research Centre for
Agriculture and Forestry, Institute
of Agriculture, Vezaiciai Branch,
Vezaiciai, Klaipeda District,
Lithuania

Dr. Danutė Karčauskienė

Lithuanian Research Centre for
Agriculture and Forestry, Institute
of Agriculture, Vezaiciai Branch,
Vezaiciai, Klaipeda District,
Lithuania

Deadline for manuscript
submissions:

closed (30 July 2023)

Message from the Guest Editors

Dear Colleagues,

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.

Dr. Ieva Mockeviciene

Dr. Monika Vilkiene

Dr. Danutė Karčauskienė

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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. *Sustainability* publishes original research articles, review 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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)