Special Issue

Sustainable Agriculture and Soil Conservation II

Message from the Guest Editors

Soil degradation is one of the most topical environmental threats. A number of processes causing a decline of soil quality, specifically erosion, compaction, salinization, pollution, and loss of both organic matter and soil biodiversity, are strictly connected to agricultural activity and its intensification. Several natural mechanisms of plants and microorganisms have also been usefully applied to control weeds and pests, as well as to abate soil pollution. Collaboration among different scientific disciplines has increased the ability to investigate problems and find practical solutions. In particular, the availability of innovative methods for rapid and accurate soil–plant system monitoring (proximal sensors, expeditious methods), for soil characterization at the microscale (X-ray based techniques), as well as for data analysis, has improved the understanding of soil processes and the adoption of sustainable management options. This Special Issue welcomes original research papers and reviews focusing on recent advances and novelties in the field of sustainable and conservative agriculture. Multidisciplinary investigations are strongly encouraged.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2023)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/83716

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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