

Special Issue

Environmental Quality of Agroecosystems: Characterisation, Monitoring and Remediation of Environmental Matrices Applying Nature-Based Solutions

Message from the Guest Editors

The term agroecosystem refers to a natural system modified by man for agricultural production for economic purposes, characterised by a particular combination of abiotic factors (such as the soil and its properties, climate and hydrology) and biotic factors (such as the biocenosis, consisting of a set of organisms that play different roles in food webs).

In this Special Issue, we want to address some issues that could change the way agroecosystems are managed, making human activities less impactful.

Monitoring of agro-ecosystems;
Sustainable strategies of remediation and management;
Understanding the fate and behaviour of pollutants in agro-ecosystems;
Plant protection products detection;
Recovery of nutrients, such as nitrogen, phosphorus and potassium;
Material recovery and reuse, i.e., biochar;
Efficiency of the systems of cultivation in regard to the use of natural resources;
Interventions to safeguard biodiversity as various nature based agricultural solutions;
The mitigation role of protected areas to improve the quality of agro-ecosystems; etc.

Guest Editors

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Deadline for manuscript submissions



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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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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