



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

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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., biochair;
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.





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