

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

Dr. Carmine Massarelli

National Research Council, Water Research Institute, 70132 Bari, Italy

Dr. Claudia Campanale

Istituto Superiore di Sanità (ISS), 00161 Roma, Italy

Deadline for manuscript submissions

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Prof. Dr. Marc A. Rosen

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

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