



Soil Biodiversity in Sustainable Agriculture

Guest Editors:

Dr. Margarita Ros

CEBAS-CSIC, Group of Soil
Enzimology and Biorremediation
and Organic Wastes, Campus de
Espinardo, E-30100 Murcia, Spain

Dr. José Antonio Pascual

CEBAS-CSIC, Group of Soil
Enzimology and Biorremediation
and Organic Wastes, Campus de
Espinardo, E-30100 Murcia, Spain

Deadline for manuscript
submissions:

closed (10 November 2022)

Message from the Guest Editors

Soil biodiversity is the key parameter for maintaining the fertility and productivity of the soils, thereby safeguarding food production. The existence of a rich soil biodiversity and its ability to provide “ecological services” or functions should not be taken for granted. Different farming practices have been developed and implemented which clearly protect soils and safeguard soil organisms. However, the complex ecological interactions between soil organisms and agriculture are not fully understood yet, and there is a need for continued research. The aim of this issue is to highlight the importance of soil biodiversity in a sustainable agriculture. Manuscripts dealing with an adequate plant rotation or intercropping, conservation tillage/non-tillage, reduced use of chemical fertilizer and pesticides, biocontrol, beneficial microorganisms, chemical and non-chemical disinfection, anaerobic disinfection, and organic agriculture on field experiments will be welcomed. Studies of taxonomic, functional, and metabolic soil biodiversity and their interaction with physical, chemical, biological, and enzymatic soil properties will also be considered.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

Contact Us

Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/agriculture
agriculture@mdpi.com
X@AgricultureMdpi