

Special Issue

Soil Biodiversity in Sustainable Agriculture

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 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.

Guest Editors

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Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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