Special Issue

Enzymatic Activity and Functional Diversity of Soil Microbial Communities in Agricultural Soils

Message from the Guest Editor

Studies of soil microbial population diversity and soil enzymes are significant because they play the principal biochemical functions in organic matter formation and decomposition, as well as nutrient turnover in a soil ecosystem, the stabilization of soil structure, and decomposition of pollutants, thus playing an important role in soil fertility and productivity. Since these properties are highly sensitive towards various environmental conditions and quickly respond to different agricultural practices, they are willingly applied to determine the influence of management practices on general soil status, with special attention being paid to soil biological functioning.

In this Special Issue, studies assessing the diversity of soil microbiota and proving its importance in maintaining agroecosystem stability are especially welcome. This Special Issue also focuses on the investigation of the global, widely used soil fertility/quality indicators by using a complex expression consisting of various microbial, enzymatic, and physicochemical properties.

Guest Editor

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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.

Editor-in-Chief

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