Special Issue

Soil Carbon and Microbial Processes in Agriculture Ecosystem

Message from the Guest Editors

Soil carbon plays a crucial role in not only maintenance of soil fertility but also global carbon sink. Soil carbon is a complex product via various microbial processes, and it is fragile entity against inappropriate human activity and global climate change. Soil microbes with efficient carbon use help reduce carbon losses and increase carbon storage. In this view, it is essential to understand dynamic nature of soil carbon and microbial processes in agricultural ecosystem. For deeper understanding of dynamics of soil carbon and microbial processes affecting on it, this Special Issue focuses on various aspects of carbon cycling and its relating microbial processes in agricultural ecosystem from molecular level to regional or global scale. This issue includes spaciotemporal dynamics of soil carbon, carbon balance, characteristics of soil organic carbon, carbon dynamics in plant-soil system, various managements for maintenance of soil carbon and for carbon sequestration.

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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