



Sustainable Soil Ecosystem Management and Carbon Storage

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Message from the Guest Editors

Anthropic disturbances associated with land use - agriculture, forest stands installation and management, fires - contribute to altering the soil properties and the biogeochemical cycles of many elements, namely the carbon cycle, which in turn have important implications on soil quality and ecosystems services. Soil organic matter loss is currently one of the main threats to soil resource and terrestrial ecosystems sustainability. Soil conservation is of the vital importance in mitigating climate change, in soil hydrological processes and biodiversity conservation. Soil quality is an essential factor in the global biosphere support and fundamental in the ecological integrity of ecosystems.

This Special Issue is mainly focused on the soil organic matter and on all factors that interfere with its quantity and quality such as agriculture, agroforestry systems, site preparation to installation forest stands, prescribed fires/wildfires and erosive processes. We welcome research articles, reviews, and communications on topics that relate the soil ecosystem management with soil properties linked with soil organic matter or with ecosystems services.





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Message from the Editor-in-Chief

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