



Effects of Climate Change on Soil Properties

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Message from the Guest Editors

Alterations in temperatures and precipitation patterns due to climate change will affect soils and ecosystems. Anthropogenic activities in the agricultural field, such as intensive farming, can amplify the deterioration of soil quality. The potential effects of climate change on soil properties might include changes in aggregate formation and stability, water-holding capacity, organic matter, cation-exchange capacity, CO₂-related changes in plant growth and water use efficiency, etc., and consequently alter the biogeochemical and hydrological cycles. These changed physicochemical and biological properties of soils require strong scientific attention. This Special Issue particularly welcomes papers investigating potential climate adaptation strategies to manage and reduce the possible harmful effects of climate change on soil properties.





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