



Dynamics of Soil Organic Carbon under Land Use and Land Cover Change

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Deadline for manuscript
submissions:
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Message from the Guest Editors

Dear Colleagues,

Soil organic carbon (SOC) is a critical component in the global carbon cycle. Soil is the largest carbon reservoir in terrestrial ecosystems, and SOC storage accounts for about 62% of the global soil carbon pool. Thus, even small changes in SOC pools could have dramatic impacts on water supply and climate change. With the continuous socio-economic development, land use and land cover (LUCC) have massive changes at the local, regional, or global scales. However, it is still unclear whether the effect of LUCC changes SOC dynamics and storages at local, regional, and global scales in the past, present, and future. Moreover, research on exploring the relationships between LUCC change and SOC could help to achieve sustainable development goals and carbon neutrality.

The goal of this Special Issue is to collect papers (original research articles and review papers) to give insights into the impacts of land use and land cover change on soil organic carbon and to scientifically contribute to the Carbon Neutrality and Sustainable Development Goals.

We look forward to receiving your original research articles and reviews.





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Message from the Editor-in-Chief

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