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Forest Soil Carbon and Climate Changes

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Deadline for manuscript
submissions:

closed (5 January 2022)

Message from the Guest Editor

Forest soil carbon is an important component of global carbon cycle, and the changes of its accumulation and decomposition, stabilization and destabilization directly affect atmospheric CO₂ concentration and global warming.

Due to of crucial importance of soil carbon storage to climate regulations, stability of forest ecosystem functions, scientists have devoted a significant amount of attention to the topic over the last decades. Despite of the progress, many important questions remain unanswered so far. Therefore, the scope of the special issue is to collect recent findings from different geographic locations, tackling these important to the society issues.

We welcome papers dealing with temperature sensitivity of C mineralization, priming of soil organic matter, tree species and stand density effect on soil C storage and turnover processes. Also N effects on C storage and fluxes are welcome. The papers might be based on original data, reviews and meta-analysis will also be considered.



mdpi.com/si/44891

Special Issue



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Message from the Editorial Board

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