



Effects of Agriculture Practices on Dynamics of Soil C and N under Current and Future Climate

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Message from the Guest Editors

Reduced soil tillage, crop diversification (crop rotation, intercropping) and cover cropping, which are nowadays encompassed within the general and widespread meaning of Conservation Agriculture, are acknowledged as effective strategies to improve soil properties and functions as well as effectively contributing to the mitigation of global warming. Nevertheless, benefits and drawbacks of many of these practices and of their potential inter-combinations (e.g. reduced tillage plus crop diversification) are still unrevealed, particularly with respect to soil C and N dynamics under current and future climate conditions.

In this special issue, we would welcome contributions from any agricultural area of the world linking all kind of the aforementioned practices to dynamics of soil C and N, as affected by or related to current or future climate conditions. Outcomes of long-term field trials, results of modelling studies as well as any novel approaches and methodologies exploring the contribution of already known as well as original-innovative agricultural practices to soil C and N stocks and pools and their relations, optionally in the context of climate change, are very welcome.





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