



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

Guest Editors:

Prof. Roberto Ferrise

Department of AGRiculture,
Food, Environment and Forestry,
University of Florence (DAGRI)
Piazzale delle Cascine, 18 50144
Firenze, Italy

Dr. Daniele Antichi

Department of Agriculture, Food
and Environment, University of
Pisa, Via del Borghetto 80, 56124
Pisa, Italy

Dr. Paolo Merante

Department of Agri-food
Production and Environmental
Sciences, University of Florence,
P.le delle Cascine 18, 50144
Firenze, Italy

Deadline for manuscript
submissions:

closed (31 May 2019)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi