

Special Issue

Carbon Input into Agricultural Soils

Message from the Guest Editors

In agricultural soils, plant-derived input of carbon from above- and below-ground crop residues and rhizodeposition is of major importance for soil organic matter formation and related soil functions. Precise estimations of carbon inputs are mandatory to monitor the supply of soil organic matter in agricultural soils and model soil carbon dynamics under a changing climate. However, reliable quantitative data on the carbon input into cropland and grassland soils is still barely available. In particular, knowledge on root-derived carbon input is scarce. We invite researchers to contribute original research, as well as review articles, that address aspects related to carbon input into agricultural soils.

Guest Editors

Dr. Martin Wiesmeier

TUM School of Life Sciences Weihenstephan, Technical University of Munich, 85354 Freising, Germany

Dr. Christopher Poeplau

Thünen Institute of Climate-Smart Agriculture, Bundesallee 50, 38116 Braunschweig, Germany

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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