



Soil Management and Greenhouse Gas Emissions in Agriculture

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Deadline for manuscript
submissions:

closed (15 December 2022)

Message from the Guest Editors

Agricultural soil plays a sink or source role for the global carbon (C) and nitrogen (N) depending on land use and management. There is an urgent need to enhance the scientific understanding of source, mechanisms, and processes that deplete the soil organic carbon stock (SOC), mitigate GHG, and increase SOC stabilization with the application of available N. Therefore, knowledge of key factors and processes that promote the stability of soil C and N is crucial to adopt site-specific practices that reduce emission of GHGs.

This Special Issue focuses on the role of different factors in controlling emission of GHGs, including carbon dioxide, methane, and nitrous oxide, and determining global warming potential, with a major emphasis on the best soil management practices, and enabling tools for obtaining high yields. This issue particularly invites highly interdisciplinary studies embracing disciplines from agriculture and soil science to the environment and humans.





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Australia

Message from the Editor-in-Chief

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