

## Special Issue

# Soil Management and Greenhouse Gas Emissions in Agriculture

### 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.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 December 2022)



## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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