



Sustainable Rice Farming and Greenhouse Gas Emissions

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Deadline for manuscript
submissions:

closed (20 August 2021)

Message from the Guest Editors

As the world's population grows, the increasing of food production becomes an urgent issue. In particular, since rice farming supports a large population, it is important to maintain and/or improve its productivity. On the other hand, promotion of crop production activities enhances environmental loads such as greenhouse gas emissions. Rice paddies, in particular, are a major source of atmospheric methane. In addition, rice farming is currently facing a wide variety of issues, including soil degradation, climate change, shortage of water resources, and adverse effects on the environment and ecosystems due to excessive use of chemical fertilizers and agrochemicals. In order to establish sustainable rice farming technology, measures to address these issues need to be gathered and comprehensively evaluated. Cultivation management of rice varies greatly depending on the region and climate, and the technology of sustainable rice farming also differs. Therefore, we would like to invite papers on sustainable rice farming and greenhouse gas emissions from a wide range of regions and countries to this Special Issue.





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Message from the Editor-in-Chief

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