

Special Issue

Sustainable Rice Farming and Greenhouse Gas Emissions

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

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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