



## Strategies to Mitigate Greenhouse Gas Emissions in Agricultural Production Systems

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### Message from the Guest Editors

The dramatic increase in greenhouse gas concentrations in the atmosphere has led to global warming and other environmental problems, posing a considerable challenge to human survival and the development of the Earth. Terrestrial ecosystems, including agricultural production ecosystems, are important sources or sinks of greenhouse gases. Their scientific management will help reduce greenhouse gas emissions, alleviating industrial pressure and ultimately achieving carbon neutrality goals. At present, it is necessary to have an in-depth understanding of carbon and nitrogen cycling processes and the mechanisms related to mitigating greenhouse gas emissions in order to provide a scientific basis for the effective reduction of greenhouse gas emissions. This Special Issue covers a broad range of greenhouse gas mitigation measures in terrestrial ecosystems, particularly in agricultural production systems. This Special Issue is also interested in research on terrestrial carbon and nitrogen cycling processes, as well as soil, plant, and microbial mechanisms related to greenhouse gas emissions and their mitigation.

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## Message from the Editor-in-Chief

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