



Cropping Systems: Implications on Climate and Environment

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Message from the Guest Editors

Modern agricultural systems, characterized by intensive production and soil utilization, have a deep impact on both climate and the environment. A large number of management practices contribute to emissions in the atmosphere of trace gases affecting the climate.

In order to mitigate the impact of cropping systems on climate and the environment, it is crucial to shift toward sustainable agriculture, merging the intensification of production with environmental well-being. This goal can be achieved via a profound knowledge of soil–plant–atmosphere interactions and the use of eco-friendly agronomic practices.

This Special Issue will accept reviews and full and short research papers from a broad range of interdisciplinary research concerning agroecosystems and management practices, also including the impact of manure and tillage on soil, soil biota, and soil–plant interactions.

Particularly welcome are research papers on the following topics:

- Crop and soil management
- Agroecology
- Sustainable intensification of productions
- Crop ecology
- Mass and energy exchange between biosphere and atmosphere
- Greenhouse gases





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Message from the Editor-in-Chief

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