

Special Issue

Cropping Systems: Implications on Climate and Environment

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

Guest Editors

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Deadline for manuscript submissions

closed (25 February 2023)



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About the Journal

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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