

Special Issue

Exploring Cereal Biodiversity for Climate Change Mitigation in Agricultural Production

Message from the Guest Editor

Agriculture is an economic activity which relies heavily on the climate in order to produce the food and bioindustrial materials necessary to sustain human life. Global food security and a sustainable agriculture system can be ensured by improving cereal production through agronomic management, the proper use of PGR in breeding of climate-adapted cereal cultivars and increasing cereal genetic biodiversity in sustainable agricultural landscape. The genetic diversity of cereal varieties will allow adaptation to changing climatic conditions in agricultural ecosystems and overcome threats to food security caused by biotic (pests, diseases) and abiotic factors.

This Special Issue focuses on the role cereal biodiversity in climate change mitigation in agricultural production. For this reason, we welcome highly interdisciplinary, high-quality studies from disparate research fields including agriculture, crop protection, ecology, landscaping, environmentalism, PGR conservation and characterisation, genetics and plant breeding. Original research articles, communications and reviews (including mini-reviews) are accepted.

Guest Editor

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Deadline for manuscript submissions

closed (10 June 2024)



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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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