

Special Issue

Agricultural Innovations for Sustainable Cereal Production under a Changing Climate

Message from the Guest Editor

Cereals are the most widely grown arable crops and play a crucial role as a renewable resource for both human food and animal feed. However, their sustainable production has been challenged globally by climate change. It is anticipated that climate change will increase the frequency of cereal crop exposure to multiple abiotic and biotic stresses. The first aim of this Special Issue is to further explore the complex genotype—environment—management interaction effects on yield and quality of cereal crops, which will assist in establishing potential solutions for the optimal management of cereal production under a changing climate. It is also important to note that, within the framework of sustainable cereal production, GHG emissions mitigation and climate change adaptation must occur without compromising food security, grain quality, and farm economic viability. Therefore, the second aim of this Special Issue is to expand our understanding and identify research gaps regarding the capacity of both new and old agricultural technologies and practices at the field level. All types of articles are welcome, including original research, opinions, and reviews.

Guest Editor

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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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