

Special Issue

Assessing Climate Change Impacts and Adaptation Options for Crop and Food Systems

Message from the Guest Editors

Climate change has caused substantial damages and increasingly irreversible losses in agro-ecological systems. In the agricultural system, how to coordinate the relationship between crop growth and the environment is important for the sustainable development of agriculture. At the same time, how to reduce the impact of climate change on agricultural production and make full use of the environmental changes caused by climate change is an important topic in current agricultural studies. In this context, it is necessary to promote understanding of the interactions between agriculture, ecosystems, environment, and climate change. This Special Issue focuses on the changes in the ecological environment in the agricultural system, the response, and adaptation strategies of the agricultural system under the threat of climate change. Within this framework, studies concerning the farming system, assessment of the sustainability of agro-ecosystems, environmental impact assessment, crop growth and development under stress conditions, and the mitigation strategies of stress conditions are welcome, as are other related topics in the form of both specialized and interdisciplinary manuscripts.

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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