



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

Guest Editors:

Prof. Dr. Qingquan Chu

College of Agronomy and
Biotechnology, China Agricultural
University, No. 2 Yuanmingyuan
West Road, Beijing 100193, China

Prof. Dr. Peng Sui

College of Agronomy and
Biotechnology, China Agricultural
University, Beijing 100193, China

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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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Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
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Sciences, The University of
Sydney, Sydney, NSW 2006,
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Message from the Editor-in-Chief

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Agriculture Editorial Office
MDPI, St. Alban-Anlage 66
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