



Impacts of Climate Change on Agriculture

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Message from the Guest Editors

Given the world population has passed 7 billion and is expected to continue to grow in the next a few decades, the world will need 70–100% more food to feed the population by 2050. Thus, food security is a major concern around the world. Climate change has added to the uncertainty of food supply. Creative agricultural management practices and associated new agricultural policies are urgently needed to mitigate the impacts of climate change on agriculture. Remote sensing scientists are in a unique position to inform such policy making and development of new agricultural practices by contributing key scientific knowledge toward understanding the impacts of climate change on agriculture in the past and their projection into the future. This Special Issue calls for papers on understanding the impacts of climate change on agriculture using remote sensing and associated climate variables as well as other environmental factors with empirical or process-based models.





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Message from the Editor-in-Chief

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