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Special Issue

Climate Change in Agriculture: Impacts and Adaptations

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Message from the Guest Editors

Dear Colleagues,

Agriculture is handed a difficult challenge over the next 20 years. Due to the rapid increase in the world's population, and the current trend suggests that there will be an increased global food demand. Therefore, there is a need to produce more food on the same, or less, cultivated areas. In addition, crop production needs to be achieved in a sustainable way, without polluting the environment, and without reducing farmer incomes. However, projected climate change will increase the vulnerability of agricultural production, with projected impacts being positive or negative depending on the geographical location. The impacts and adaptations have been studied using several methodologies, such as process-based models, agro-ecosystem models, and statistical models based on historical data. This Special Issue welcomes articles, from any agricultural area of the world, and for any cropping system, dealing with impacts and adaptations of climate change. We welcome novel approaches involving different methodologies and assessments.

Dr. Davide Cammarano
Dr. Roberto Ferrise
Guest Editors

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