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Agriculture-Climate Interactions in Tropical Regions

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Message from the Guest Editors

Understanding the interactions between climate change and tropical agriculture in the pan-tropical zone is crucial to the prediction of future climate change and the formulation of effective strategies to adapt tropical agriculture to overcome climatic changes. This Special Issue focuses on agriculture–climate interactions that occur in tropical regions that are vulnerable to global warming. Original research, systematic reviews, meta-analyses, and model studies related to the theme of agriculture–climate interaction are welcome.

The purpose of this Special Issue is to provide a platform for researchers to share their latest discoveries and innovative methods related to the study of agriculture–climate interactions in tropical regions. This issue aims to promote interdisciplinary research by combining observations, modeling, and theoretical understandings of agriculture–climate interactions to deepen our understanding of these complex interactions between the climate and their impact on global climate change, as well as to promote recognition of the importance of pan-tropical regions regarding global climate change among policymakers and stakeholders.

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Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

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