



Climate Data for Agricultural Applications: Downscaling and Scenarios

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Message from the Guest Editors

Atmosphere dedicates this Special Issue to climate data for agricultural applications with a focus on climate downscaling and future climate scenarios. Original research and review papers, methodologies, and applications related to the development of climate data for use in the agricultural sector are welcome. Authors are especially encouraged to present studies on methodologies of downscaling weather forecast/climate model outputs for regional and local agricultural applications including, but not limited to, crop growth simulations, climate extremes and risk analysis, yield forecasting, and greenhouse gas emissions. Discussions on how to derive and interpret climate information for agricultural applications and the associated uncertainties are also encouraged.

Deadline for manuscript
submissions:

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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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