Special Issue

Climate Change and Agrometeorological Time Series

Message from the Guest Editor

Agrometeorology is an interdisciplinary field of science that places meteorological measurements in an agricultural context by trying to assess which actions will lead to the improvement of agricultural productivity, either by minimizing risks from adverse weather conditions or taking advantage of beneficial aspects of climate. With projected climate change increasing the vulnerability of agricultural production, agriculture will face many serious challenges in the coming decades. This Special Issue aims to attract researchers from a wide range of research disciplines, especially those dealing with the physics of the atmosphere, soil physics and chemistry, hydrology, meteorology, climatology, crop and animal physiology and phenology, agronomy and others. We invite contributions related to agrometeorology and agrometeorological time series, especially those connected with applications and climate change. Topics of interest for publication include, but are not limited to the following: Weather and climate-related impacts on agriculture
Climate change impacts and mitigation/adaptation in agriculture
Agro-meteorological modeling

Guest Editor

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closed (31 December 2020)

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About the Journal

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!

Editor-in-Chief

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