

Special Issue

Agrometeorology and Remote Sensing of Land–Atmosphere

Message from the Guest Editors

The main objective of this special volume, based on the suggested theme "Agrometeorology in Brazil", is the environmental monitoring and recovery of agricultural soils and degraded areas. This concerns determining agrometeorological and spectral parameters between the surface and atmosphere through surface meteorological data and from the use of geoprocessing and its geotechnologies, such as sets of remote sensing techniques and satellite images, with a particular focus on environmental monitoring of space-time dynamics, especially in the Brazilian Semiarid Region, one of the most populous semi-arid regions in the world, which suffers, among other aspects, from severe drought events. Scientific advances in this sense will mainly subsidize studies of climate and environmental forecasts, agricultural monitoring, as well as studies of climate change and land cover and use.

Guest Editors

Dr. Jhon Lennon Bezerra Da Silva

Dr. Marcos Vinícius Da Silva

Prof. Dr. Márcio Mesquita

Deadline for manuscript submissions

closed (1 July 2024)



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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

Dr. Daniele Contini

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