Special Issue

Climate Variability and Change in Brazil

Message from the Guest Editors

Brazil has experienced several problems related to climate variability and change in all sorts of sectors, such as agriculture, health and infrastructure. Despite the number of studies focusing on climatological conditions, many issues are still overlooked about the dynamics, predictability, and climate projections of the influence of the water transport from oceanic regions in monsoonal characteristics, for instance. In short time scales, it is also very clear that the number and intensity of extreme events have increased substantially causing economic problems and threatening the livelihood of people. The goal of this Special Issue is to compile state-of-the-art studies on climate mechanisms responsible for changing climate and weather features in Brazil. Moreover, investigations related to the impact of anomalous climate in agriculture, soil moisture, landslides, energy, health and wildfires are of special interest. Studies can be based on observations, modelling, and remote sensing.

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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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