Special Issue

Characteristics and Attribution of Air Temperature Variability

Message from the Guest Editors

Across Earth, air temperature is an important descriptor of environmental conditions, its variability is related to variations in many other meteorological elements in the climate system, such as the sea level pressure (SLP), Arctic oscillation (AO) and North Atlantic oscillation (NAO), the Northern Hemisphere winter Hadley circulation, westerly circulation, the East Asian winter monsoon, sea surface temperature (SST), the greenhouse effect, solar activity, volcanic and human activities, etc. The journal *Atmosphere* is hosting a Special Issue aiming to provide recent studies concerning the characteristics and attributions of air temperature variability mentioned above, over both tropical and mid–high-latitude regions. Original papers regarding the features and source of interdecadal, interannual, intraseasonal and synoptic air temperature variabilities are all welcome contributions, as well as encouraging work related to the anomalies of atmospheric circulation and external forcing (SST, sea ice and snow cover) related to air temperature.

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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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