Special Issue

Moist Atmospheric Convection

Message from the Guest Editor

We invite you to contribute to this Special Issue of *Atmosphere,* which focuses on moist atmospheric convection in the Tropics and monsoonal regimes. The weather and climate of these regions are dominated by moist convection, which is responsible for numerous phenomena ranging from severe weather to the global circulation. We invite the submission of original research articles and reviews on any aspect of tropical moist convection, including convective cloud microphysics, convective interactions with large-scale forcing, and intraseasonal modes of variability (e.g., the MJO). We encourage studies resulting from experimental campaigns, long-term observations, or innovative uses of satellite platforms that focus on large-scale/deep convection interactions, mesoscale convective organization, or the shallow-to-deep convective transition. Likewise, we encourage numerical modeling studies that also focus on these themes, particularly those employing observation-based, process-oriented diagnostics.

Guest Editor

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Deadline for manuscript submissions

closed (15 September 2021)

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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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