

Special Issue

Advances in Mesoscale Numerical Weather Prediction and Its Applications (2nd Volume)

Message from the Guest Editors

Our first volume of Special Issue “Advances in Mesoscale Numerical Weather Prediction and its Applications” was quite a successful undertaking and became popular not only for authors but for our readers as well. It is for this reason that we have decided to launch a second volume intending to collect contributions that report advancements and the current state of the mesoscale numerical weather prediction models including air-sea-land coupled models, forecast skill improvements, the impact of physical parameterizations on forecasts, boundary layer processes modeling, as well as applications of data assimilation techniques, nowcasting methods, hydrometeorological applications etc.

Guest Editors

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Deadline for manuscript submissions

closed (25 January 2023)



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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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