



Recent and Future Cyclonic Activity and Associated Weather Extremes

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Message from the Guest Editors

The aim of this Special Issue is to provide recent advances in the field of study on cyclonic activity change encompassing issues of changes in the past, revealing current tendencies and scenarios of changes in the near future. A key task for SI is gathering high-quality papers concerning seasonal-interannual-to-decadal variability of synoptic patterns that drive cyclones evolution; studies on extraction and interpretation of multidecadal trends are also welcomed. Expected future trends of cyclones frequency, intensity associated with the anthropogenic factors and study of extremes associated with cyclones are second and third most important SI tasks.

Deadline for manuscript submissions:

closed (30 September 2023)





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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!

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