



Meteorological Extremes in China

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Message from the Guest Editors

The prediction/forecasting of extreme events is always a big challenge. Analyzing past extreme events and their mechanisms behind them is key to predicting/forecasting the occurrence and intensity of extreme events. For this Special Issue, contributions are sought which analyze and help to understand the past variation of extreme events, such as extreme heavy precipitation and heatwaves. Both long-term analyses and case studies of extreme events based on observations and model simulations are welcome. A special focus is on understanding the mechanisms behind extreme events. We would like to invite you to contribute to the Special Issue. Submissions are encouraged to cover a wide range of topics, which may include but are not limited to the following:

Heavy precipitation;
Heatwave;
Typhoon;
Drought.





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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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