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Meteorological Extremes in China

Guest Editors:

Dr. Tinghai Ou
Department of Earth Science, University of Gothernburg, 405 30 Gothenburg, Sweden

Dr. Xuejia Wang
College of Earth and Environmental Sciences, Lanzhou University, Lanzhou 730000, China

Dr. Hengde Zhang
National Meteorological Centre, China Meteorological Administration, Beijing 100081, China

Deadline for manuscript submissions:
closed (20 June 2022)

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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Editor-in-Chief

Prof. Dr. Ilias Kavouras
Environmental, Occupational, and Geospatial Health Sciences, CUNY School of Public Health, New York, NY 10027, USA

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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Contact Us

Atmosphere Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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atmosphere@mdpi.com
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