

## Special Issue

# Extreme Precipitation and Responses to Climate Change

### Message from the Guest Editors

Against the backdrop of global warming, the melting of glaciers, rising sea levels, and the escalation of various extreme events have become increasingly prevalent. It is critically important for us to reveal the changes in extreme weather and its causal mechanism through observations and models. In this context, understanding the variations in the frequency and intensity of global extreme precipitation events is of paramount importance for enhancing our capacity to address catastrophic weather occurrences. This Special Issue aims to unveil the changes in and underlying patterns of extreme precipitation events in different global regions, a theme that is closely aligned with the overarching theme of climate in this journal. We invite submissions of research articles on the following topics:

- Extreme precipitation, high temperatures, cold waves, snowfall, hail, and other high-impact weather events;
- Trends in extreme weather changes;
- Mechanisms of extreme weather events;
- High-impact weather forecasting, warning technologies, and assessment.

### Guest Editors

Dr. Fengjiao Chen

Key Laboratory of Transportation Meteorology of China Meteorological Administration, Nanjing Joint Institute for Atmospheric Sciences, Nanjing 210041, China

Dr. Xiao Pan

Opening Key Laboratory for Northeast Cold Vortex Research, Institute of Atmospheric Environment, China Meteorological Administration, Shenyang 110166, China

### Deadline for manuscript submissions

31 January 2026



## Climate

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*Climate*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[climate@mdpi.com](mailto:climate@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

Dr. Timothy G. F. Kittel  
Institute of Arctic and Alpine Research, University of Colorado Boulder,  
Boulder, CO 80309-0450, USA

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