



Effects and Atmospheric Processes of Disaster Weather in the Context of Global Climate Change

Guest Editors:

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Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

Here, we would like to extend this invitation to potentially interested researchers in the field of disaster weather, global climate change, sustainable development, etc. The topic “Effects and Atmospheric Processes of Disaster Weather in the Context of Global Climate Change” includes, but is not limited to, the following relevant themes:

1. Variational trends of extreme precipitation under global climate change and the underlying mechanisms;
2. Variational trends of persistent heavy rainfall under global climate change and possible mechanisms;
3. Impacts of extreme weather and climate events and global change on the operation of renewable energy;
4. Changes of renewable energy in the context of global climate change;
5. Regional simulation on disaster weather in warm/cold seasons;
6. Variational trends of high winds under global climate change and the associated mechanisms;
7. Mesoscale-vortex or extratropical cyclone associated disaster weather;
8. Structure feature and evolutions of the mesoscale convective systems that produce disaster weather;
9. Changes in the environmental conditions of the disaster





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Message from the Editor-in-Chief

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