Special Issue

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

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 features and evolutions of the mesoscale convective systems that produce disaster weather;

9. Changes in the environmental conditions of the disaster weather under global climate change.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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