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Multi-Scale Climate Change: Recent Trends, Current Progress and Future Directions

Guest Editor:

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Deadline for manuscript submissions:
closed (20 November 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue invites contributions that focus on understanding multi-scale climate change and future projections. Submissions are welcome covering a wide range of topics, including, but not limited to:

1. Understanding the dynamics and recent characteristics of multi-scale climate change;
2. Multi-scale climate change and its impacts on Earth;
3. Separating the contributions and relative roles of internal and external processes in driving multi-scale climate change;
4. Identifying sources of predictability in order to gain confidence in forecasts of multi-scale climate change.

Original research papers and/or review papers that address the improvement of our understanding of multi-scale climate change are all welcome.

Dr. Fei Ji
Guest Editor

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Editor-in-Chief

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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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