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Large-Scale Atmospheric Circulation Variability and Its Climate Impacts

Guest Editors:

Dr. Bin Yu

Climate Research Division, Environment and Climate Change Canada, Toronto, ON M3H 5T4, Canada

Prof. Dr. Anthony R. Lupo

Department of Soil, Environmental, and Atmospheric Science, School of Natural Resources, University of Missouri, Columbia, MO 65211, USA

Deadline for manuscript submissions:

closed (31 March 2019)

Message from the Guest Editors

This Special Issue intends to collect articles on large-scale atmospheric circulation variability and its climate impacts. We invite contributions that deal with atmosphere/ocean variability and predictability on various time scales, in particular studies of atmospheric circulation patterns, tropical-extratropical interaction and teleconnections, and impacts of these patterns and processes on regional and global climate, climate predictability and predictions. We welcome submissions including original and review articles on the topic that aim to advance our understanding of the climate variability, climate dynamics, climate predictability, and projected climate change.

Keywords:

- Atmospheric circulation variability
- Teleconnection pattern
- Teleconnection impact
- Climate variability and dynamics
- Climate predictability
- Climate Change











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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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