

## Special Issue

# Climate and Atmospheric Dynamics and Predictability

### Message from the Guest Editors

The state of the weather and climate is largely defined by the interactions between the various components of the climate system (atmosphere, hydrosphere, land surface, cryosphere, and biosphere). The understanding of the atmospheric and climate dynamics, that is, how the natural laws determine the weather and climate, and their prediction/ projection, are essential for life, property, and environment. [...] The aim of this Special Issue is to comprise review and original observational, theoretical, and modelling studies on the dynamics of the atmosphere and the climate system, as well as on their predictability at different spatiotemporal scales. Topics of interest include, but are not limited to, the following:

- Dynamics of intense/ high impact weather phenomena and low frequency oscillations
- Climate dynamics
- Land/sea-air interaction
- Numerical weather prediction models and data assimilation
- Climate models
- Weather forecasting and climate projection techniques
- Weather and climate model evaluation.

### Guest Editors

Dr. Ioannis Pytharoulis

Department of Meteorology and Climatology, School of Geology, Aristotle University of Thessaloniki (AUTH), 54124 Thessaloniki, Greece

Dr. Petros Katsafados

Department of Geography, Harokopio University of Athens, 16122 Athens, Greece

### Deadline for manuscript submissions

closed (30 September 2019)



## 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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