

## Special Issue

# Cyclones, Hurricanes, Medicanes and Impacts

### Message from the Guest Editors

Extreme and intense changes in atmospheric pressure, as well as general atmospheric circulations such as deep cyclones, hurricanes, and medicanes, all over the planet, have profound impacts on society, the environment, and ecosystems; in many cases, they may be responsible for numerous fatalities, injuries, and damages. Thus, the main purpose of the present Special Issue is to examine these extreme events, mainly focusing on the physical mechanisms responsible for their formation, on the climatology of these events, and their societal and environmental impacts. We will accept papers on extreme event analysis; forecasting and the application of new observational and forecasting methods; empirical studies; case studies; and modelling and projection studies for the future.

---

### Guest Editors

Dr. Konstantia Tolika

Department of Meteorology and Climatology, School of Geology, Aristotle University of Thessaloniki, University Campus, 54124 Thessaloniki, Greece

Dr. Kostas Lagouvardos

National Observatory of Athens, Institute for Environmental Research and Sustainable Development, 118 10 Athens, Greece

---

### Deadline for manuscript submissions

closed (30 April 2022)



## Climate

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 5.7



[mdpi.com/si/84925](https://mdpi.com/si/84925)

*Climate*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[climate@mdpi.com](mailto:climate@mdpi.com)

[mdpi.com/journal/  
climate](https://mdpi.com/journal/climate)





# Climate

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 5.7



[mdpi.com/journal/  
climate](https://mdpi.com/journal/climate)



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Dr. Timothy G. F. Kittel  
Institute of Arctic and Alpine Research, University of Colorado Boulder,  
Boulder, CO 80309-0450, USA

---

#### Author Benefits

##### High Visibility:

indexed within Scopus, ESCI (Web of Science), GeoRef, AGRIS, and other databases.

##### Journal Rank:

JCR - Q2 (Meteorology and Atmospheric Sciences) /  
CiteScore - Q2 (Atmospheric Science)

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.6 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).