# **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**

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## Deadline for manuscript submissions

closed (30 April 2022)



## Climate

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## **About the Journal**

## Message from the Editor-in-Chief

Climate (ISSN 2225-1154) was established in 2013 to provide an open-access outlet for innovative research, review articles, new direction papers, and short communications relevant to all disciplines related to climate at all scales. The journal encourages papers ranging from climate change detection and attribution and Earth system modeling to ecosystem, hydrologic, and socioeconomic impacts and climate mitigation and adaptation measures. The influence of Climate is strong and growing (IF 3.2 in 2024, CiteScore 5.7 in 2024).

### Editor-in-Chief

Dr. Timothy G. F. Kittel

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

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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).

