# Special Issue

# Climate Change and Solar Variability

## Message from the Guest Editors

The Special Issue on “Climate Change and Solar Variability“ is devoted to recent advances in the connection between solar activity and terrestrial climate. The influence of the Sun’s radiation on the Earth’s climate system is a complex and interdisciplinary issue; it includes a variety of scientific fields, such as climatology, computer modelling, space climate, solar activity, geomagnetism, and cosmic rays. Therefore, this Special Issue aims to give ground to researchers from various scientific backgrounds to express their views about this topic. This Special Issue will, therefore, cover advances in (i) the modification of stratospheric ozone and clouds by solar UV radiation, (ii) global climate modeling, (iii) the influence of cosmic rays on clouds, (iv) the effects of solar sun spots on global climate, and (v) the comparison between human-induced and solar-driven influences on the ongoing climate change.

## Guest Editors

Dr. Harry D. Kambezidis

1. Atmospheric Research Team, Institute of Environmental Research and Sustainable Development, National Observatory of Athens, Lofos Nymphon, GR-11810 Athens, Greece
2. Soft Energy Systems and Environmental Protection Laboratory, Department of Mechanical Engineering, University of West Attica, P. Ralli & Thivon 250, GR-12244 Egaleo, Greece

Dr. Basil Psiloglou

Institute for Environmental Research & Sustainable Development, National Observatory of Athens, 15236 Athens, Greece

## Deadline for manuscript submissions

closed (31 January 2022)

**Climate**

**an Open Access Journal by MDPI**

**Impact Factor 3.2**
**CiteScore 5.7**

mdpi.com/si/41440

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

mdpi.com/journal/climate

# Climate

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 5.7

mdpi.com/journal/climate

MDPI

# 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).