

## 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

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### Deadline for manuscript submissions

closed (31 January 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).

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### Editor-in-Chief

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#### High Visibility:

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#### Journal Rank:

JCR - Q2 (Meteorology and Atmospheric Sciences) /  
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#### Rapid Publication:

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