Special Issue

Climate Change and Air Pollution

Message from the Guest Editor

Over the last decade, the awareness that air quality and climate change are related in many ways has substantially increased. However, there is still a need for new evidence, both experimental and theoretical, at different scales; from city to regional levels as well as at continental and global scales. This Special Issue aims to collect all kinds of studies that address the multiple links between air quality and climate change, such as statistical studies based on analysis of pollution concentrations and weather and climate indicators; impact studies that show adverse impacts on human health and ecosystems; studies that investigate the tradeoffs and co-benefits that may be gained from reducing anthropogenic emissions, including short- and long-lived GHGs; studies regarding vegetation/naturebased solution (NBS) impacts on atmosphere; articles regarding integrated policies and practices; etc.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2020)



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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

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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).

