Special Issue

Assessment of Climate Change Impacts on Flood and Drought

Message from the Guest Editor

Climate change has caused increased pressure on freshwater ecosystems. A warmer and increased variability in climate has already increased the risk of both floods and droughts. There are a number of climatic and non-climatic factors that cause flood and drought. While severe floods damage infrastructure, arable land, displace communities, and cause fatalities, droughts can devastate agricultural and terrestrial ecosystems, cause fire hazards, and lead to local water supply shortages. Due to the changing climate and land use, there is an increasing need to emphasize prevention, preparedness, mitigation, and risk management of these events in order to protect our environment and economy.

Guest Editor

Dr. Soni M. Pradhanang

Department of Geosciences, University of Rhode Island, 315 Woodward Hall, 9 E. Alumni Avenue, Kingston, RI 02881, USA

Deadline for manuscript submissions

closed (30 November 2021)

Climate

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 5.7

mdpi.com/si/64097

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

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
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), GEOBASE, 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 20.8 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).