



climate



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Assessment of Climate Change Impacts on Flood and Drought

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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.

Dr. Soni M. Pradhanang
Guest Editor



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Special Issue



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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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