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DESCRIPTION

Weather and Climate Extremes provides academics, decision makers, international development agencies, nongovernmental organizations and civil society with publications on different aspects of research in weather and climate extremes, monitoring and early warning systems, assessment of vulnerability and impacts, developing and implementing intervention policies, effective risk management and adaptation practices to address local and regional needs and circumstances, engagement of local communities in the adoption of these practices to cope with extremes, and information and communication strategies. The journal encourages the submission of original research papers, comprehensive review articles, and short communications which address the following:

Weather and Climate Extremes

- Types of extremes
- Quality and quantity of data and data analysis
- Frequency, intensity, spatial extent, duration, and timing of extreme events
- Observed and projected changes in weather and climate extremes

Research Approaches

- Atmospheric science (processes and modeling)
- Short- and medium-range forecasts of weather extremes
- Seasonal forecasts of climate extremes
- Monitoring and early warning systems
- Modelling impacts of weather and climate extremes
- Statistical aspects of extremes

Vulnerability and Impacts of Weather and Climate Extremes

- Natural physical environment
- Human systems eg., coastal settlements, mountain settlements, urbanization etc.,
- Ecosystems
- Temporal and spatial dynamics of exposure and vulnerability
- Observed and projected impacts in different socio-economic sectors

Managing Weather and Climate Extremes

- Traditional knowledge
- Preparedness planning
- Risk Management
- Information and communication strategies
- Policies and practices for adaptation to weather and climate extremes
- Resilience to adverse impacts of extremes
- Issues and opportunities at the local, national and international levels
- Technological innovations and improved practices
- Reducing societal vulnerability to weather and climate extremes
- Case Studies

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INTRODUCTION

Weather and Climate Extremes provides academics, decision makers, international development agencies, nongovernmental organizations and civil society with publications on different aspects of research in weather and climate extremes, monitoring and early warning systems, assessment of vulnerability and impacts, developing and implementing intervention policies, effective risk management and adaptation practices to address local and regional needs and circumstances, engagement of local communities in the adoption of these practices to cope with extremes, and information and communication strategies. The journal encourages the submission of original research papers, comprehensive review articles, and short communications which address the following:

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- Case Studies

Types of Article

Weather and Climate Extremes accepts the following types of article:

1. **Research articles:** Research articles report the results of original research. The material must not have been previously published elsewhere. Full length articles are usually up to 7,500 words.

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This journal operates a single blind review process. All contributions are typically sent to a minimum of two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. [More information on types of peer review](#).

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Provide sufficient details to allow the work to be reproduced by an independent researcher. Methods that are already published should be summarized, and indicated by a reference. If quoting directly from a previously published method, use quotation marks and also cite the source. Any modifications to existing methods should also be described.

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3. *Three or more authors:* first author's name followed by 'et al.' and the year of publication.

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Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2010. The art of writing a scientific article. *J. Sci. Commun.* 163, 51–59. <https://doi.org/10.1016/j.Sc.2010.00372>.

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