



# WEATHER AND CLIMATE EXTREMES

## AUTHOR INFORMATION PACK

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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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## GUIDE FOR AUTHORS

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**To find out more, please visit the Preparation section below.**

### **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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State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

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Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described.

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### Conclusions

The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

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If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

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

Citations may be made directly (or parenthetically). Groups of references should be listed first alphabetically, then chronologically.

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*List:* References should be arranged first alphabetically and then further sorted chronologically if necessary. More than one reference from the same author(s) in the same year must be identified by the letters 'a', 'b', 'c', etc., placed after the year of publication.

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Strunk Jr, W., White, E.B., 2000. *The Elements of Style*, fourth ed. Longman, New York.

Reference to a chapter in an edited book:

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