

## Instructions for Authors

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### ABOUT

**Mathematics of Climate and Weather Forecasting** is an international peer-reviewed open access journal that publishes original research, reviews and news in the rapidly expanding fields of numerical weather prediction, meteorological modelling and climate forecasting. Our goal is to provide a hub for researchers working across all related disciplines to present their research and development, and to be a forum for the discussion of the important issues in the field. The journal accommodates a variety of expository styles and formats to facilitate interaction of scientists with diverse backgrounds, including mathematics, physics, computing, engineering, and atmospheric, oceanographic and space sciences.

### CRITERIA FOR PUBLICATION

The primary criteria for judging the acceptability of a manuscript are: its originality, scientific importance and interest to a general biological audience. See our **Editorial Policy** for more details.

### PUBLICATION FORMATS

**Mathematics of Climate and Weather Forecasting** considers submission of:

- Research Articles,
- Communications,
- Reviews, and Commentaries
- Letters to the Editor,
- Erratum,
- Retraction Note.

### ELECTRONIC SUBMISSION

All manuscripts should be submitted the Editorial Office. Manuscripts submitted under multiple authorship are reviewed on the assumption that all listed authors concur in the submission and are responsible for its content; they must have agreed to its publication and have given the corresponding author the authority to act on their behalf in all matters pertaining to publication. The corresponding author is responsible for informing the coauthors of the manuscript status throughout the submission, review, and production process.

### ELECTRONIC FORMATS ALLOWED

Manuscripts have to be written in LATEX, AMS-TEX, AMS-LATEX. We do not accept papers in Plain TEX format. If additionally a PDF file is supplied, the peer review process will be speed up. Authors are encouraged to submit the final version of the paper using the De Gruyter Open LATEX template.

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It is important that authors include a cover letter with their manuscript. Please explain why you consider your manuscript to be suitable for publication in **Mathematics of Climate and Weather Forecasting**, why your paper will inspire the other members of your field, and how will it drive research forward.

The letter should contain all important details such as:

- your full name (submitted by)
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For resubmitted manuscripts, please provide us with an editable text and publication-quality figures:

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Supply any figures as separate high-resolution, print-ready digital versions.

In addition to the editorial remarks, authors are asked to take care that they have prepared the revised version according to the Journal's style. Please adopt numbered citation (citation-sequence) style referencing.

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Articles should be organized into the following sections:

- Title page: Title, Name(s) of Author(s), Affiliation(s), Personal e-mail address(es)
- Abstract
- AMS Mathematics Subject Classification number(s)
- Keywords
- Text
- Acknowledgments (if applicable)
- References

Each of these elements is detailed below.

#### Title

We suggest the title should be relatively short but informative. If a long title is necessary, please prepare an optional short title.

### **Name(s) of Author(s)**

List of all authors of a paper. We need full first name, initial(s) for middle name(s) and full second name.

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Please indicate authors' affiliations here. Affiliations should include:

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- University
- City
- Country
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### **Abstract**

An abstract should accompany every article. It should be a brief summary of significant results of the paper. An abstract should give concise information about the content of the core idea of your paper. It should be informative and not only present the general scope of the paper but also indicate the main results and conclusions. An abstract should not exceed 200 words. It should not contain literature citations, allusions to the tables, tables, figures or illustrations. All nonstandard symbols and abbreviations should be defined. In combination with the title and keywords, an abstract is an indicator of the content of the paper.

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For AMS Mathematics Subject Classification see <http://www.ams.org/msc/>

### **Keywords**

List all keywords separated by commas.

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General rules for writing:

- use simple and declarative sentences, avoid long sentences, in which the meaning may be lost by complicated construction;
- be concise, avoid idle words;
- make your argumentation complete; use commonly understood terms; define all nonstandard symbols and abbreviations when you introduce them;
- explain all acronyms and abbreviations when they first appear in the text;
- use all units consistently throughout the article;
- be self-critical as you review your drafts.

### Structure of a paper

Research papers and review articles should follow a strict structure. Generally a standard scientific paper is divided into:

- introduction: present the subject of your paper clearly, indicate the scope of the subject, present the goals of your paper and finally the organization of your paper;
- main text: present all important elements of your scientific message;
- conclusion: summarize your paper.

### Footnotes/Endnotes/Acknowledgements

We encourage authors to restrict the use of footnotes. If necessary, please make endnotes rather than footnotes. A footnote/endnote may include:

- the designation of the corresponding author of the paper;
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### Tables

You should use tables only to improve conciseness or where the information cannot be given satisfactorily in other ways. Tables should be numbered serially and referred to in the text by number. Each table should have an explanatory caption which should be as concise as possible.

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You may use line diagrams and photographs to illustrate theses from your text. The figures should be clear, easy to read and of good quality. Styles and fonts should match those in the main body of the article.

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### References

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