

Meteorologische Zeitschrift

Meteorologische Zeitschrift – detailed Instructions to Authors

ISSN: 0941-2948 (print edition); ISSN: 1610-1227 (online edition)

www.schweizerbart.de/j/meteorologische-zeitschrift/

Editorial policy

Meteorologische Zeitschrift is a journal open to original manuscripts in the English language from all fields of atmospheric sciences, covering meteorology and climatology, including the interaction of the lower atmosphere with the oceans, the land surfaces, and the middle and upper atmosphere. Short contributions, and review articles are particularly invited. Six issues are published per annum and form one volume. Papers published in this journal are expected to make interesting and novel contributions from all topics of meteorology, including theoretical and experimental investigations, numerical simulations, statistical studies, information about operational work in meteorological services and on applied meteorology. Contributions

on the philosophy and history of atmospheric sciences are also welcome. In addition to original papers and short communications, review articles, special reports, book reviews, laudatory articles, and obituaries are published. Special issues on specific topics or conferences may be published as feasible. The submission of short contributions, 1 to 4 pages in length, is particularly encouraged, and will be fostered by preferential editorial processing. Papers must not have been published previously. Authors are fully responsible for the content of their papers.

Historical note

Meteorologische Zeitschrift was founded in 1866 by the "Österreichische Gesellschaft für Meteorologie" (ÖGM); starting 1886 it was published jointly with the "Deutsche Meteorologische Gesellschaft" (DMG). The German, Austrian and Swiss Meteorological Societies refounded the Journal in 1992, thereby merging Meteorologische Rundschau and Zeitschrift für Meteorologie (published by the Meteorological Society of the former GDR) into Meteorologische Zeitschrift. Since January 2000, the journal is published united with Beiträge zur Physik der Atmosphäre (cited as Contributions to Atmospheric Physics) under its previous title Meteorologische Zeitschrift.

Manuscript submission

First submission (for review purposes only): Manuscripts must be submitted in English only. A pdf file of the manuscript containing the title page with authors information, English and German abstracts, text, reference list, abbreviation list, appendices (where necessary). Tables and figures together with captions are to be positioned at the end of the paper. The manuscript should be formatted single-column, double spaced, with page numbering and line numbering. Manuscripts have to be submitted to the MetZet web site <https://www.schweizerbart.de/submit/metz/index.php/metz/about>

In case you encounter any difficulties while submitting your manuscript online, please get in touch with the Editorial Office: editorial-office@metz.de

Abstract: Each article must be preceded by an English **Abstract** and the Authors are encouraged to provide a german translation of the abstract. On a separate title page, please indicate the title of the paper, the names of all authors, their institutions and complete mailing and e-mail addresses, indicating the name of the corresponding author whose mail and e-mail address will be printed as a footnote on the first page of the article

Final Version: The final manuscript must be produced by a word processing system, most preferably by LaTeX or Word for Windows. For up to date technical directions on formatting please contact the technical editor. The electronic version of the text is required preferably via e-mail or on CD ROM. It must include all illustrations either as files (specifications: see section Figures below) or as high-quality reproductions.

Peer review: Manuscripts will be reviewed in general by two referees.

Abbreviations must be explained as they are used in the text. SI units are mandatory. If necessary, a list of symbols is to be added. Equations must be written with extreme care, especially with respect to indices.

Headings are to be typeset in regular letters (no capital letters, no bold face, underlining etc.).

Figures (graphs, illustrations, photographs, computer plots and line drawings) shall be provided with legends or captions that make the figures understandable without reference to the text. Each figure must be referenced explicitly and must be numbered in the order of first appearance in the text. Figure captions are required in English only. Figures and captions must be submitted on separate sheets of paper at the end of the manuscript. For the final version of the manuscript, figures are requested as encapsulated PostScript (.eps) files; only if that is not possible, either high-resolution Tagged Image Files (.tif, specifications: see below) or high-gloss photographs, clear high-contrast drawings or high-quality 600-dpi laser print-outs must be supplied. Please refrain from using frames around or shaded areas behind the figures and allow for a reduction of the illustrations (most desirably to the width of one column, i.e. 86 mm). Individual letters after reduction should at least be 2 mm high. Pixel-oriented files should provide a minimum resolution of 300 dpi for grey-scale or colour figures and of 1000 dpi for black-and-white figures. If **colour figures** are planned to be included, the authors are asked to consider if colour does contribute significantly to the understanding of their figures. If this is the case, they should be aware that a surcharge will be applicable for each figure, EUR 200.– for the first and EUR 50.– for every additional colour figure.

Tables should be restricted to an absolute minimum and should preferably be drawn in MS Excel. They should be supplied as separate files with their headings. Table captions are required in English only.

References: The list of references (in alphabetic order) should only contain sources made reference to in the text, i.e. all sources cited in the text must appear in the references list at the end of the paper, and all entries in the references list must be cited in the text. In the text they should be set in small caps, e.g. NAME(s) (year) or (NAME, year). When using a word processing program do not shift to upper case (Capital Letters), use only small capitals (->Style/Font/Small Caps). In citations with 2 authors, use "and" (e.g. FESEFELDT and PRITCHARD, 2002); in citations with more than 2 authors use the abbreviation "et al." in the text (but not in the list of references!). Note, that "et al." must not be typeset in italics. Also note, that there is a comma between authors and dates. Citations are to be separated by a semicolon. Websites can be given in the text (or as footnotes if referred to more than once), and they must be accessible when the article is published. A website alone is not sufficient for a full entry in the "Literature cited", but a website may be added to a book, article or paper cited there.

Example for the correct order of the references list:

Meyer A., 1988:

Meyer A., 1999:

Meyer A., C. Müller, 1998:

Meyer A., B. Schulze, 1988:

Meyer A., D. Brinkmann, B. Schulze, F. Fürst, E. Salom, 1951:

Example for a journal reference: HOINKA, K.P., 1997: The tropopause: discovery, definition, demarcation. --Meteorol. Z. **6**, 281--303.

Example for citing a book: GOODY, R.M., C.G. WALKER, 1985: Atmosphären. -- Enke Verlag, Stuttgart, 180 pp.

Example for citing a chapter in a book: ISLER, J.R., D.C. FRITTS, 1993: Tidal variability studies using an MF radar in Hawaii. -- In: THRANE, E.V., T.A. BLIX, D.C. FRITTS (Eds.): Coupling processes in the lower and middle atmosphere. NATO ASI Series **387**, 153--160.

Please note the order of Names and Christian Names, as well as punctuation

Please use for hyphen "--" this "--"

Please note there is no comma before the volume number

Please note there is no "and" before the last author/Editor

Fast Track publication (pre-print-publication)

Beginning with 2005 (Meteorol. Z. Vol. 14) manuscripts that are ready to be printed (e.g. accepted by the editors, composed and the proofs checked by the authors) will be made available online prior to publication. Title and abstracts as well as author's names will be accessible by all visitors of the Meteorol. Z. online version. Full text will be available for online journal subscribers. Papers will have a DOI (*Digital Object Identifier*) assigned and may be cited. This new service will give the opportunity to have articles available well in advance of their actual printed publication date.

A special **Fast Track articles** table of contents will be accessible on the journal's online website (Ingenta). As soon as an article is published in print, it will be automatically removed from the **Fast Track** TOC. Papers published via Ingenta Fast Track will carry a footnote: Received (*date*), published online (*date*). In 2005 we will offer this service to all authors of Meteorol. Z. free of charge.

Citation of Fast Track articles

Fast Track articles published prior to print publication must carry a DOI (*Digital Object Identifier*) to be found in databases. This number will be assigned by the publisher. As page numbers will not be available when placing a Fast Track publication, please cite Fast Track articles in the following format: HOINKA, K. P., 1997: The tropopause: discovery, definition, demarcation. – Meteorol. Z., published online July 1st, 2005; DOI: 10.1127/0941-2948/2005/0001.

After the paper has been published in print please cite as following:

HOINKA, K. P., 1997: The tropopause: discovery, definition, demarcation. – Meteorol. Z., N.F. 6, 281–303. Published online July 1st, 2005; DOI: 10.1127/0941-2948/2005/0001.

When receiving your galley proofs please check, if articles cited as online publication have been printed in the meantime. If so, please update the citation. In Fast Track articles CrossRef linking of references will not yet be possible. As soon as the paper is published in print, the Fast Track publication will automatically be removed and CrossRef links will be available. As the publication date for Fast Track articles will be the date of going online, corrections in the paper will only be possible as Errata pages.

Open Access: Authors may have their articles made freely available online against charges (Optional Open Access, OOA). Please visit the journal website www.borntraeger-cramer.de/j/metz for details.

Page charges: Articles not exceeding 6 printed pages are published free of charge. Papers of more than 6 printed pages carry a page charge of EUR 150.– per extra page.

Proofs: Authors will receive proofs shortly before publication to correct typesetting errors. Changes to the contents of the manuscript will be charged in principle.

Offprints: For each article, 20 offprints and a PDF file for personal use will be supplied free of charge. Further offprints may be ordered at cost price.

Meteorol. Z.: Meteorologische Zeitschrift is to be abbreviated as Meteorol. Z.

Copyright: Submission of a manuscript for publication in Meteorologische Zeitschrift is considered binding assurance that this work has not been and will not be published elsewhere in this form and length. With acceptance and publication of a paper, the exclusive copyright for every language and every country is transferred to the publisher. This includes further editions, reprints and microfilms, and storage and compilation on electronic media.

© by Gebrüder Borntraeger, Berlin – Stuttgart

Subscription orders and requests concerning subscriptions should be addressed to Gebrüder Borntraeger Verlagsbuchhandlung, Science Publishers, Berlin - Stuttgart, Johannesstraße 3 A, 70176 Stuttgart, Germany
phone: +49-711-351456-0, fax: +49-711-351456-99, e-mail mail@borntraeger-cramer.de

July 2008