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FULL TITLE GOES HERE

ABSTRACT. The abstract should describe your research in approximately **200 words**. These parts should not include references, figures or tables. A well-written abstract can help readers understand the essence of your manuscript and, sometimes, decide whether to continue reading it. We suggest authors to follow briefly the structure of the manuscript in the abstract, including Introduction, Methods, Results and Conclusions. The text should be clear and objective, faithfully representing the subject.

Keywords: keyword 1; keyword 2; keyword 3

INTRODUCTION

The first paragraph in a section (without indentation): The Brazilian Journal of Geophysics–BrJG is a quarterly journal of the Brazilian Geophysical Society (SBGf), with arbitration and open access, devoted to the national and international dissemination of original scientific and technical articles related to research in geophysics and geophysical applications in the areas of Geological Sciences, Oceanography, Atmospheric Sciences, and Space Sciences.

New paragraph (with indentation): use this style when you need to begin a new paragraph. The sections headings are positioned to the left margin (without indentation) in boldface type. The main sections have headings written in all capital letters. Do not number sections of the text. Refer to sections by name.

The body of the manuscript should be written in one column with 1.5 spacing, using Arial font size 11, justified and presenting top, bottom and left margins of 2 cm and a 1.5 cm right margin.

The INTRODUCTION is a mandatory section. So, you have an opportunity to write here a good and brief introduction in a context and background that clearly define the purpose of the study. The references included in the Introduction must be presented to discuss previous and current research in the area and to strengthen the importance of your argument. Don't forget to present the problem studied, the questions to be answered and the research approach. Highlight the main conclusions, leading the reader to clearly understand the motivation of your research.

THEORY AND METHOD

This section heading may also be called “METHODOLOGY”, “MATERIALS AND METHODS” etc. In any case, this section is mandatory. The topic should be described in sufficient detail for the reader to understand, repeat the experiment and assess whether the methods justify the conclusions. Clearly describe any restrictions on accessing materials or information related to your research.

RESULTS

This section is mandatory. It should provide a concise and precise description of the experimental results, their interpretation as well as the experimental conclusions that can be drawn.

Subsection heading style

Place the subsection headings at the left margin (without indentation) in boldface type, with only the first letter of each word capitalized, except for conjunctions, prepositions, and articles.

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Place the sub-subsection headings at the left margin (without indentation) in boldface and italics type, with only the first word of the heading and proper nouns capitalized.

Figures, tables, and equations

Figures and tables should be inserted in the text, as quoted, and followed by their respective captions. Do not put captions on the figures themselves. For publication, figures should be submitted with a resolution of 300 dpi. Figures and tables that do not meet the journal standard will be returned to the author for a new submission.

All figures and tables should be cited in the main text as Figure 1, Table 1, etc. The citations of figures, tables and equations, only when appearing between parentheses, should be referred to in abbreviated form: (Fig. 1), (Figs. 2 and 3), (Table 1) and (Tables 2 and 3), (Eq. 1), (Eqs. 2 and 3), for example.

Tables should be self-explanatory and not very extensive. The density of information in the tables should take into account possible reductions. Footnotes should be indicated by Arabic numerals, superscripts in the text and described at the end of the page itself.

The images (e.g. Fig. 1) may be in color or grey scale. Don't forget that the production of images should consider the understanding of them, even when they are printed in grayscale. Thus, use of colors when essential for understanding or strictly necessary in the context of the manuscript. Figures should be placed in the main text near to the first time they are cited.

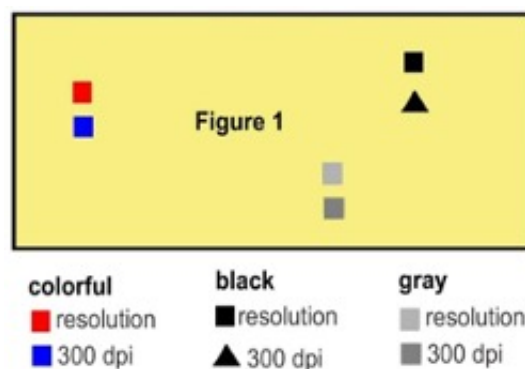


Figure 1: A caption on a single line should be centered.

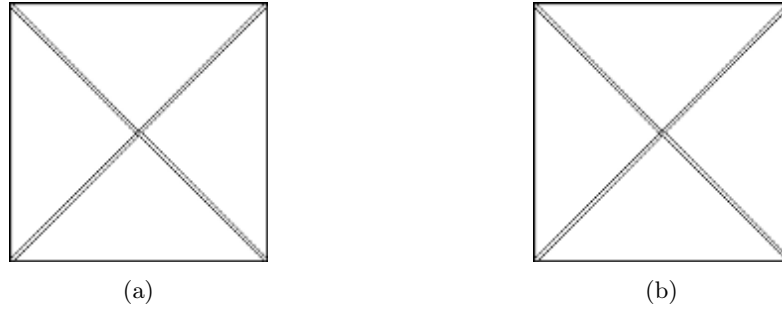


Figure 2: Example of subfigures. Authors should list the panels as: (a) Description of what is contained in the first panel; (b) Description of what is contained in the second panel. Assign the appropriate reference, if a figure is being reproduced from another source.

Table 1: Example of a table.

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
ROW 1	11.0	11.00	11
ROW 2	22.1	22.11	22
ROW 3	33.1	33.22	33

The figures will be published with maximum dimensions of 16.2 cm × 22 cm on a printed page, therefore, the images must be created considering possible reduction, so that the details, symbols and letters become clear after reduction.

Formatting mathematical components

This is an example of an equation:

$$f(x) = \int_0^x g(s) ds \quad (1)$$

the text following an equation does not need to be a new paragraph. Please punctuate equations as regular text.

DISCUSSION

Authors should discuss the results and how they can be interpreted in perspective of previous studies and of the working hypotheses. The findings and their implications should be discussed in the broadest context possible. Future research directions may also be highlighted.

CONCLUSION

This section is mandatory.

As a suggestion, this section may include (1) principles, relationships, and generalizations inferred from the results (but not a restatement or summary of the results); (2) any exceptions to or problems with those principles, relationships, and generalizations, as indicated by the results; (3) agreements or disagreements with

previously published work; and (4) implications and significance of the work.

The conclusion should not include figures, tables, equations, or reference citations.

ACKNOWLEDGMENTS

When necessary, acknowledgments and credits to the funding institutions should appear in the Acknowledgments section. This section is to appear in the published paper and must NOT be included in the submitted manuscript.

DATA AND MATERIALS AVAILABILITY

The data used in the manuscript should be open and publicly available whenever possible.

If appropriate, the BrJG encourages authors to archive data in a permanent repository. The data deposited should be cited in the reference list of the manuscript using the DOI or other persistent identifiers.

APPENDIX A. TITLE OF THE APPENDIX

The appendix is an optional section that can include supplementary data and information to the main text. All appendix sections must be cited in the main text. In the appendixes, figures, tables, equations etc. should be labeled starting with “A” or “B”, e.g., Figure A1, Equation A1, etc.

$$a = b \tag{A1}$$

REFERENCE FORMATING

Papers published in BrJG follows guidelines set forth in The Chicago Manual of Style, 17th edition. The references are listed in alphabetical order of first author’s surname and not numbered. When several references of the same first author appear, a single-author work precedes a multiauthor work. References with identical authorship should be listed in chronological order.

References can provide greater credibility to the article, when properly chosen. The current state of the research field should be reviewed carefully and key publications cited. Priority should be given to citation of updated references, published in the last five years, considering the period of manuscript submission.

The abbreviations of the journals names can be found in the database in which the journal is indexed or in the World List of Scientific Periodicals. Include the digital object identifier (DOI) for all references where available.

In the text, citations should be consistent with those in the reference list and vice versa. References will be cited as: [Bott \(2013\)](#); [Legchenko and Valla \(2002\)](#); [Oliosio et al. \(1999\)](#); or ([Bott, 2013](#); [Legchenko and Valla, 2002](#); [Oliosio et al., 1999](#)), for example. Articles by the same authors and presenting the same dates must be distinguished, with a lowercase letter (a, b, c...) after the year. References must be arranged in alphabetical order in the text (including citations in tables and legends) and listed individually at the end of the manuscript.

Authors are requested to avoid references to proceedings of conferences. It is appropriate only if these proceedings are available to the reader.

AUTHOR CONTRIBUTIONS

It is expected that each author has made substantial contributions to the work, at least two criteria are considered for authorship: actively participate in the discussion of results; and revise and approve the final version of the manuscript. In this section, at the end of the article, the individual contribution should be clearly stated:

1st Author:... **2nd Author:...** **3rd Author:...**

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