

DATA PAPER

Template of the T_EX file for a Paper with full data attached of the Progress in Earth and Planetary Science: an example

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Abstract
A short, unstructured, single paragraph summary, no more than 350 words, of the major points raised, making evident the key work highlighted in the article. Minimize the use of abbreviations and do not cite references in the abstract.

Keywords
Three to ten keywords representing the main content of the article. Keywords should be separated by a comma (,) and a space as shown in the following example.
Computational seismology, Crustal structure, Finite-difference method simulation, Lg wave, Regional wave, Sn wave, Wave propagation
If a keyword includes a comma, place a semicolon (;) and a space between keywords as below.
Computational seismology; Crustal structure; Lg wave; Red, white and blue; Regional wave; Sn wave; Wave propagation

- 1 **1 Introduction**
- 2 The Introduction section should explain the background to and provide a brief sum-
- 3 mary of the data and may also be broken into subsections with short, informative
- 4 headings.
- 5 1.1 Subsection ABC
- 6 This is a subsection in Introduction section.
- 7 **2 Construction and Content**
- 8 This section should provide details of the construction and content of the data
- 9 set including: an explanation of the data; details of the conditions under which it
- 10 was gathered including details of all relevant experimental procedures or numerical
- 11 simulation techniques used; and information about any analytical methods used
- 12 in its construction and any data processing techniques applied to it. If anomalies,
- 13 outliers, and/or missing values are included in the data these should be clearly
- 14 identified. The information provided should be sufficient to enable other researchers
- 15 to use the data without any ambiguity.
- 16 2.1 Subsection DEF
- 17 This is a subsection in Construction and Content section.

3 Results and Discussion

These may be broken into subsections with short, informative headings. A discussion of the intended uses of the data, and the benefits that are envisioned, should be included, together with comparisons with similar databases if such exist. A case study of the use of the data may be presented. The planned future development of new features, if any, should be mentioned. This section should also either provide a discussion as to how the data is scientifically important, or briefly summarize previously published papers that are based on at least part of the data, unless such material has already been suitably covered in the Introduction section.

3.1 Subsection GHI

This is a subsection in Results and Discussion section.

3.1.1 Sub-subsection JKL

4 Conclusions (or Summary)

This should state clearly the main conclusions, if any, and provide an explanation of their importance or relevance to the field.

Abbreviations

CMB: Core-mantle boundary; GOSAT: Greenhouse Gases Observing Satellite; JAXA: Japan Aerospace eXploration Agency; TRMM: Tropical rainfall measuring mission

Availability of data and material

All manuscripts must include an 'Availability of data and materials' statement. It should include information on where to find data supporting the results reported in the article.

For example:

The dataset(s) supporting the conclusions of this article is(are) available in the [repository name] repository, [unique persistent identifier and hyperlink to dataset(s) in http:// format].

The dataset(s) supporting the conclusions of this article is(are) included within the article (and its additional file(s)).

Competing interests

The authors declare that they have no competing interest.

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Authors' contributions

The individual contributions of authors to the manuscript should be specified in this section. The authors should be referred to by their initials.

MS proposed the topic, conceived and designed the study. HK carried out the experimental study. RT analyzed the data and helped in their interpretation. JM collaborated with the corresponding author in the construction of manuscript. All authors read and approved the final manuscript.

Authors' information

You may choose to use this section to include any relevant information about the author(s) that may aid the reader's interpretation of the article, and understand the standpoint of the author(s). This may include details about the authors' qualifications, current positions they hold at institutions or societies, or any other relevant background information. Please refer to authors using their initials. Note this section should not be used to describe any competing interests.

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Endnotes

Text for this section ...

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124 **Figure legends**
125 Figures should be provided as separate files, not embedded in the text file.
126 The figure legends should be included in the main manuscript text file at the end of the document.
127 For each figure, the following information should be provided: Figure number (in sequence, using Arabic numerals -
128 i.e. Figure 1, 2, 3 etc); short title of figure (maximum 15 words); detailed legend, up to 300 words.

Figure 1 Distributions of aerosol optical thickness and cloud droplet effective radius from the NICAM-SPRINTARS simulations. Global geographical distributions of (a, c) aerosol optical thickness and (b, d) cloud droplet effective radius from (c, d) the NICAM-SPRINTARS simulations in comparison to those obtained from (a, b) the MODIS satellite observations for 1 to 8 July 2006 (cited from Suzuki et al. 2008). The unit of cloud droplet effective radius is micrometers.

Figure 2 XXXXXXXXXXXXX

Figure 3 YYYYYYYYYYYY

129 **Tables**
130 Each table should be numbered and cited in sequence using Arabic numerals (i.e. Table 1, 2, 3 etc.). Tables should
131 have a title (above the table) that summarizes the whole table; it should be no longer than 15 words. Detailed
132 captions may then follow, but they should be concise. The title and any captions associated with each table should
133 not be included in the main manuscript file, but be placed with the table in the relevant table file.
134 Even small tables that are integral to the manuscript should be uploaded as separate files, not embedded in the
135 main manuscript file. These will be typeset and displayed in the final published form of the article.
136 Larger datasets or tables too wide for a portrait page should be uploaded separately as supplementary material files.
137 These additional files will not be displayed in the final article, but a link will be provided to them in the published
138 PDF.

Table 1 $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ values of bulk carbonate samples from the studied core

Depth (mbsf)	Lithostratigraphic Unit	Segment boundary	$\delta^{13}\text{C}$ (‰ VPDB)	$\delta^{18}\text{O}$ (‰ VPDB)
2614.92	Unit 12	C7/C8	2.76	−6.04
2615.32	Unit 12		2.75	−5.65
2617.16	Unit 12		2.41	−5.37
2618.78	Unit 12		3.12	−5.14
2619.99	Unit 11		2.88	−5.61
2620.66	Unit 11		3.09	−6.17
2621.31	Unit 11		3.44	−4.47
2621.91	Unit 11		3.17	−5.53
2622.31	Unit 11		3.28	−6.18
2622.57	Unit 11		3.33	−5.94
2623.06	Unit 11		3.21	−5.34
2623.72	Unit 11		3.64	−5.75
2624.07	Unit 11		3.41	−5.77
2624.28	Unit 11		3.47	−5.82
2624.82	Unit 11		3.49	−6.58

Table 2 Sample table title. This is where the description of the table should go.

	B1	B2	B3
A1	0.1	0.2	0.3
A2
A3

139 **Additional Files**
140 Additional file 1 — Sample additional file title
141 Additional file descriptions text (including details of how to view the file, if it is in a non-standard format or the file
142 extension). This might refer to a multi-page table or a figure.

143 Additional file 2 — Sample additional file title
144 Additional file descriptions text.