

REVIEW

Template of the T_EX file for a Review 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 Minimize the use of abbreviations and do not cite references in the abstract.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 Introduction

This should explain the background to the article, its aims, a summary of a search of the existing literature and the issue under discussion, and may also be broken into subsections with short, informative headings.

1.1 Subsection ABC

This is a subsection in Introduction section.

2 Review

This should contain the body of the article, and may also be broken into subsections with short, informative headings.

2.1 Subsection DEF

This is a subsection in Review section.

2.1.1 Sub-subsection GHI

2.1.2 Sub-subsection JKL

3 Conclusions

This should state clearly the main conclusions and include a clear explanation of their relevance or importance to the field.

17 Abbreviations

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

20 Availability of data and material

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

23 For example:

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

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

27 If it is not possible to share research data publicly:

28 Data sharing not applicable to this article as no datasets were generated or analysed during the current study.

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31 'Not applicable'

32 Competing interests

33 The authors declare that they have no competing interest.

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38 Authors' contributions

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

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

44 Authors' information

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

57 Text for this section ...

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61 References

- 62 Aaron, M (1999) The future of genomics. In: Williams, H (ed.) Proceedings of the Genomic Researchers, Boston
63 Adorno, T.W (1966) Negative Dialektik. Suhrkamp, Frankfurt. English edition: Adorno TW (1973) Negative
64 Dialectics (trans: Ashton EB). Routledge, London
65 Brown, B, Aaron, M (2001) The politics of nature. In: Smith, J (ed.) The Rise of Modern Genomics, 3rd edn.
66 Wiley, New York
67 Chung, S-T, Morris, R (1978a) Isolation and characterization of plasmid deoxyribonucleic acid from streptomyces
68 fradiae. In: Abstracts of the 3rd International Symposium on the Genetics of Industrial Microorganisms.
69 University of Wisconsin, Madison. 4-9 June 1978
70 Chung, S-T, Morris, R (1978b) Isolation and characterization of plasmid deoxyribonucleic acid from streptomyces
71 fradiae. Abstracts of the 3rd international symposium on the genetics of industrial microorganisms. 4-9 June
72 1978
73 Doe, J (1999a) Title of preprint. <http://www.uni-heidelberg.de/mydata.html>, Accessed 25 Dec 1999
74 Doe, J (1999b) Title of subordinate document. Available via DIALOG. <http://www.rsc.org/dose/title> of
75 subordinate document. Accessed 15 Jan 1999
76 Doe, J (1999c) Trivial http, rfc2169. <ftp://ftp.isi.edu/in-notes/rfc2169.txt>. Accessed 12 Nov 1999
77 Doe, J (2000) Title of supplementary material. <http://www.privatehomepage.com>, 22 Feb 2000
78 Healthwise Knowledgebase US Pharmacopeia, Rockville, <http://www.healthwise.org>, 21 Sept 1998
79 International Anatomical Nomenclature Committee (1966) Nomina Anatomica. Excerpta Medica, Amsterdam

- 80 Kawahata, H (2017) Current status and future development of Progress in Earth and Planetary Science. Abstract
81 U01-08 presented at the JpGU-AGU Joint Meeting 2017, Makuhari, Japan.
82 <https://confit.atlas.jp/guide/event/jpuguagu2017/subject/U01-08/advanced>. Accessed 1 Sept 2017
- 83 Major, M (2007) Recent developments. In: Jones, W (ed.) *Surgery Today*. Springer, Dordrecht. in press
- 84 McMullen, M.D, Kresovich, S, Villeda, H.S, Bradbury, P, Li, H, Sun, Q, Flint-Garcia, S, Thornsberry, J, Acharya,
85 C, Bottoms, C, Brown, P, Browne, C, Eller, M, Guill, K, Harjes, C, Kroon, D, Lepak, N, Mitchell, S.E,
86 Peterson, B, Pressoir, G, Romero, S, Oropeza Rosas, M, Salvo, S, Yates, H, Hanson, M, Jones, E, Smith, S,
87 Glaubitz, J.C, Goodman, M, Ware, D, et al. (2009) Genetic properties of the maize nested association
88 mapping population. *Science* 325, 737–740
- 89 Mod Genomics J (1998) Rodent genes. *Mod Genomics J* 14(6), 126–233
- 90 Norman, L.O (1998) Lightning Rods. US Patent 4,379,752, 1998
- 91 Saito, Yukio, Hyuga, Hiroyuki (2007) In: Soai, K (ed.) *Rate Equation Approaches to Amplification of Enantiomeric*
92 *Excess and Chiral Symmetry Breaking*. Springer, Berlin, Heidelberg. doi:10.1007/128_2006_108
- 93 Schmidt, H (1989) Negative dialektik. In: Hutzinger, O (ed.) *Handbook of Environmental Chemistry vol 2E*.
94 Springer, Heidelberg, p 111
- 95 Slifka, M.K, Whitton, J.L Clinical implications of dysregulated cytokine production. *J Mol Med*.
96 doi:10.1007/s001090000086
- 97 Slifka, M.K, Whitton, J.L (2000a) Clinical implications of dysregulated cytokine production. *J Mol Med* 78,
98 74–80. doi:10.1007/s001090000086
- 99 Slifka, M.K, Whitton, J.L (2000b) Clinical implications of dysregulated cytokine production. *J Mol Med* 1, 4.
100 doi:10.1007/s001090000086
- 101 Smith, J (1998) Rodent genes. *Mod Genomics J* 14(6), 126–233
- 102 Smith, J, Brown, B (eds.) (2001) *The Demise of Modern Genomics*. Blackwell, London
- 103 Smith, J, Jones, M.J, Houghton, L (1999) Future of health insurance. *N Engl J Med* 965, 325–329
- 104 Smith, S.E (1976) Neuromuscular blocking drugs in man. In: Zaimis, E (ed.) *Neuromuscular Junction. Handbook*
105 *of Experimental Pharmacology vol 42*. Springer, Heidelberg, pp 593–660
- 106 South, J, Blass, B (2001) *The Future of Modern Genomics*. Blackwell, London
- 107 SSN International Centre (2006) The issn register. <http://www.issn.org>. Accessed 20 Feb 2007
- 108 Trent, J.W (1975) Experimental acute renal failure. Dissertation. University of California
- 109 Zowghi, D (1996) A framework for reasoning about requirements in evolution. In: Foo, N, Goebel, R (eds.)
110 *PRICAI'96: Topics in Artificial Intelligence*. 4th Pacific Rim Conference on Artificial Intelligence, Cairns,
111 August 1996. *Lecture Notes in Computer Science (Lecture Notes in Artificial Intelligence)*, vol 1114.
112 Springer, Heidelberg, p 157

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 116 For each figure, the following information should be provided: Figure number (in sequence, using Arabic numerals -
 117 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 YYYYYYYYYYYYYY

118 **Tables**

119 Each table should be numbered and cited in sequence using Arabic numerals (i.e. Table 1, 2, 3 etc.). Tables should
 120 have a title (above the table) that summarizes the whole table; it should be no longer than 15 words. Detailed
 121 captions may then follow, but they should be concise. The title and any captions associated with each table should
 122 not be included in the main manuscript file, but be placed with the table in the relevant table file.
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 124 main manuscript file. These will be typeset and displayed in the final published form of the article.
 125 Larger datasets or tables too wide for a portrait page should be uploaded separately as supplementary material files.
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 127 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

128 **Additional Files**

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

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