

APJAS Guide for Authors (Ver. 2009-03-11)

Thanks for submitting your valuable research results to the APJAS. This document provides information on the APJAS formats to be used when authors write a paper as well as when authors check typos and incorrect formats during the Author-corrections. Summarized are guidelines for common mistakes found in initial manuscripts. Please make sure to avoid format errors in your manuscript.

Guide for common mistakes:

1. Section numbering

- 1. Introduction**
- 2. Data** : primary heading
- a. Observation** : secondary heading
 - (1) Temperature : tertiary heading
 - (a) *Period* : quaternary heading

2. Units

- The International System of Units (SI units) is standard. We recommend the following Non-SI units for time: minute=min, hour=h or hr, day=d or day, month=mo, year=y or yr. It should be consistent throughout the paper.
 - [Examples]: 24 mm h⁻¹, 24 mm d⁻¹, 24 mm y⁻¹
- In particular, note to use the negative exponent rather than a solidus and a space separating the denominator when expressing units like “m s⁻¹”, not “m/s”. Note “ms⁻¹” is per millisecond, not meters per second.
- Note a space between Arabic numerals and units, except degrees latitude and longitude, degrees Celsius, and percentages.
 - [Examples]: 298.15 K, 37°N, 128°E, 15°C, 99.9%

3. Math form

- Symbols representing mathematical variables must be of the same font style both in text and equations. Scalar symbols are to be written in italic. Multiple character scalar variables, abbreviations, non-dimensional numbers, and acronyms for variables are to be written in regular font style. Vectors are to be expressed by boldface regular Times Roman, and matrix notations are to be expressed by non-italic Arial boldface. Mathematical operator abbreviations/acronyms are to be written in lower-case regular Times Roman font.
 - [Examples of scalars]: *u, L, f, σ, P_i*
 - [Examples of multiple character scalars, ... etc]: LWC, abs, max, Re/Im (real/imaginary)

- [Examples of vectors]: **V, x, i, j, k**
- [Examples of matrices and tensors]: **A, B, N, M**
- [Examples of math operators]: sin, cos, tanh
- Brackets: the following orders are used in equations, { [()] }.

4. Reference style

- We have seen many other mistakes in reference style. Please consult with the “**APJAS Reference Form**” for more detailed guides, and refer to “**APJAS Journal Abbreviation**” for Journal names.
- Please be careful on typefaces (i.e., *italic*, **boldface**, regular font) used in references: the name of journal must be in *italic*, and the volume number must be in **boldface**.
- References written in Non-English language: if the text is written in Non-English, the language should be identified by adding, for example, “(in Korean with English abstract)”.
 - [Examples]: Kim, A., and B. Lee, 1995: Title of a paper. *J. Korean Meteor. Soc.*, **35**, 12-24. (in Korean with English abstract)

5. Citations

- When cite references, be careful for the formats such as commas (,), semicolons (;), in particular, *et al.* (*italic*), and order by the published year.
 - [Examples]: The theory has been adopted by several studies (Kim, 1995; Holton and Lim, 2001; Sasano *et al.*, 2007). According to Goody *et al.* (1970), it

6. Date and time

- Time, time zone, day, month, and year are written in the form of “1409 UTC 31 January 2009”. Local standard time is abbreviated as “LST”. However, we recommend UTC rather than LST except it is essential.
- The month is always spelled out in the text. However, in figure captions and tables, the month is abbreviated to its first three letters to conserve space.

7. Others

- Fig. and Eq. vs Figure and Equation: In the middle of a sentence, “Fig. 1” or “Figs. 1 and 2” and “Eq. (1)” or “Eqs. (1)-(3)” are used. When used at the beginning of a sentence, however, it should be “Figure 1” or “Figures 1 and 2” and “Equation (1)” or “Equations (1)-(3)”.
- Commas in numbers both in text and in references: 7213 and 12543 are good, but 7,213 and 12,543 are not good.
- Zero before a decimal point: 0.25 is good, but .25 is not good.

APJAS Reference Form

General guidelines for the APJAS reference styles are given with examples.

1. Journal

- Author(s), publication year: Article title. *Journal Name (abbreviated, italic)*, **volume number (boldface)**, page range.
- Author(s), publication year: Article title. *Journal Name (abbreviated, italic)*, **volume number (boldface)**, citation number, DOI code (lowercase with no space between “doi:” and the code).
- ❖ Author list
 - Last-name, Init. Init.: (e.g.) Klemp, J. B.
 - Last-name, Init. Init., and Init. Init, Last-name: (e.g.) Klemp, J. B., and R. B. Wilhelmson
 - Last-name, Init. Init., Init. Init. Last-name, Init. Init. Last-name, and Init. Init. Last-name: (e.g.) Klemp, J. B., R. B., Wilhelmson, H. V. Gupta, and P. S. Ray

[Examples]

- ✚ Be careful on a **space (= V)** between the first and second initials, **commas (= ,)**, and special typefaces (*italic*, **boldface**).

Klemp, J. ^VB., R. ^VB. Wilhelmson, and P. ^VS. Ray, 1981: Observed and numerically simulated structure of a mature supercell thunderstorm. *J. Atmos. Sci.*, **38**, 1558-1580.
Barth, M. C., S.-W. Kim, W. C. Skamarock, A. L. Stuart, K. E. Pickering, and L. E. Ott, 2007: Simulations of the redistribution of formaldehyde, formic acid, and peroxides in the July 10, 1996 STERAO deep convection storm. *J. Geophys. Res.*, **112**, D13310, doi:10.1029/2006JD008046.

2. Book

- Author(s), publication year: *Book Title (italic)*. Publisher, total pages.

[Examples]

- ✚ Be careful on a **space(= V)** in the total pages.

Sutton, O. G., 1953: *Micrometeorology*. McGraw-Hill Book Co., 333^Vpp.

3. Proceedings/Conference Preprints/Extended Abstracts

- Author(s), publication year: Article title. *Proc./Preprints/Extended Abstract, Conference Title*, volume or report number (if included), city and state/country (where the meeting was held), sponsor, page range. [Address from which available

online.]

[Examples]

- ✚ Be careful on the square brackets [] and the period inside of []. Pay also attention to the format of ordinal numbers, do not use superscript suffix (like 21st, 9th).

Davies, J. M., 2002: On low-level thermodynamic parameters associated with tornadic and nontornadic supercells. Preprints, *21st Conf. on Severe Local Storms*, San Antonio, TX, Amer. Meteor. Soc., 603-606. [Available online at <http://members.cox.net/jondavies1/LLthermo.PDF>.]

Talagrand, O., R. Vautard, and B. Strauss, 1997: Evaluation of probabilistic prediction systems. *Proc. Seminar on Predictability*, Reading, United Kingdom, ECMWF, 1-25.

Fukuta, N., H. S. Chang, J. L. Sutherland, and D. A. Griffith, 1984: Comparative airborne tests of vapor-activated methaldehyde and silver iodide particles in supercooled stratus clouds. *Extended Abstracts, Ninth Conf. on Weather Modification*, Park City, UT, Amer. Meteor. Soc., 6-7.

4. Report/Note/Memo

- Author(s), publication year: Report/Note/Memo Title. Report/Note/Memo Name and number, total pages.

[Examples]

- ✚ Be careful on the regular font style of Title, ... etc, not *italic*.

Grell, G. A., J. Dudhia, and D. R. Stauffer, 1994: A Description of the Fifth-generation Penn State/NCAR Mesoscale Model (MM5). NCAR Tech. Note NCAR/TN-3981STR, 117 pp.

Gannon, P. T., 1978: Influences of earth surface and cloud properties in the south Florida sea breeze. NOAA Tech. Rep. ERL402-NHELM2, 91 pp.

5. Thesis

- Author(s), publication year: Dissertation/thesis title. Dissertation/thesis, Thesis Department (needed only if M.S. thesis), University, total pages.

[Examples]

Kim, D. R., 1981: Title of Good Dissertation. Ph.D. Thesis, Massachusetts Institute of Technology, 135 pp.

6. Web/Internet

- Author(s)/Authoring Organization, year cited (explicitly noted): Document name. [Address from which available online.]

[Examples]

American Meteorological Society, cited 2006: AMS guidelines for preparing references.

[Available online at <http://www.ametsoc.org/pubs/refstyl.html>.]

7. Multiple papers by the same first author/same author(s) and more than 10 authors

- List references by the same first author in the following order:
 - ① First author alone, list references chronologically.
 - ② One coauthor, list chronologically and then alphabetically by coauthor.
 - ③ Two or more coauthors (i.e., cited as "*et al.*" in text), list chronologically.
- For more than 10 authors, use "First author, and Coauthors"
- Papers published in the same year by the same author(s) or the same first author have to be identified by a, b, c, ... after the year.

[Examples]

✚ Be careful on **Coauthors**. When you cite in text, however, it is written as "First author *et al.*, year".

Elsberry, R. L., 2005: Title of article. ... etc.

_____, and M. A. Boothe, 2003a: Title of article. ... etc.

_____, and _____, 2003b: Title of article. ... etc.

_____, R. A. Stenger, M. A. Boothe, and J. B. Klemp, 2002: Title of article. ... etc.

_____, S. S. Chang, and J. B. Klemp, 2003: Title of article. ... etc.

_____, and **Coauthors**, 2009: Title of article. ... etc.

8. Abbreviations

- The followings are the abbreviations used in references:

Conference	Conf.
Proceedings	Proc.
Symposium	Symp.
Technical Report	Tech. Rep.
Memorandum	Memo.
International	Int.
Volume	Vol.
Editor / Editors	Ed. / Eds.
edition	ed.

APJAS Journal Abbreviation

Title of Journal	Abbreviation
Advances in Atmospheric Sciences	Adv. Atmos. Sci.
Advances in Space Research	Adv. Space Res.
Advances in Water Resources	Adv. Water Resour.
Aerosol Science and Technology	Aerosol Sci. Technol.
Agricultural and Forest Meteorology	Agric. Forest Meteor.
Annales Geophysicae	Ann. Geophys.
Annals of Mathematical Statistics	Ann. Math. Stat.
Annual Review of Fluid Mechanics	Annu. Rev. Fluid Mech.
Applied Optics	Appl. Opt.
Asia-Pacific Journal of Atmospheric Sciences	Asia-Pacific J. Atmos. Sci.
Atmósfera	Atmósfera
Atmosphere-Ocean	Atmos.-Ocean
Atmospheric Chemistry and Physics	Atmos. Chem. Phys.
Atmospheric Environment	Atmos. Environ.
Atmospheric Research	Atmos. Res.
Atmospheric Science Letters	Atmos. Sci. Lett.
Australian Meteorological Magazine	Aust. Meteor. Mag.
Beitraege zur Physik der Atmosphaere	Beitr. Phys. Atmos.
Boundary-Layer Meteorology	Bound.-Layer Meteor.
Bulletin of the American Meteorological Society	Bull. Amer. Meteor. Soc.
Climate Dynamics	Climate Dyn.
Climate Research	Climate Res.
Climatic Change	Climatic Change
Communications on Pure and Applied Mathematics	Commun. Pure Appl. Math.
Computer Methods in Applied Mechanics and Engineering	Comput. Methods Appl. Mech. Eng.
Contributions to Atmospheric Physics	Contrib. Atmos. Phys.
Deep-Sea Research	Deep-Sea Res.
Dynamics of Atmospheres and Oceans	Dyn. Atmos. Oceans
Earth, Moon, and Planets	Earth Moon Planets
Earth and Planetary Science Letters	Earth Planet. Sci. Lett.
Earth Planets Space	Earth Planets Space
Environmental Modelling and Software	Environ. Model. Software
Environmental Research	Environ. Res.
Environmental Science and Technology	Environ. Sci. Technol.
Eos, Transactions, American Geophysical Union (EOS)	Eos, Trans. Amer. Geophys. Union
Estuarine and Coastal Marine Science	Estuarine Coastal Mar. Sci.
Fluid Dynamics Research	Fluid Dyn. Res.
Geophysical Fluid Dynamics	Geophys. Fluid Dyn.
Geophysical Journal International	Geophys. J. Int.
Geophysical Magazine	Geophys. Mag.
Geophysical Research Letters	Geophys. Res. Lett.
Geophysics	Geophysics
Global and Planetary Change	Global Planet. Change
Global Biogeochemical Cycles	Global Biogeochem. Cycles

Title of Journal	Abbreviation
Holocene	Holocene
Hydrological Processes	Hydrol. Process
Hydrological Sciences Journal	Hydro. Sci. J.
IEEE Transactions on Antennas and Propagation	IEEE Trans. Antennas Propag.
IEEE Transactions on Geoscience and Remote Sensing	IEEE Trans. Geosci. Remote Sens.
IEEE Transactions on Geoscience and Electronics	IEEE Trans. Geosci. Electron.
Infrared Physics	Infrared Phys.
International Journal of Air and Water Pollution	Int. J. Air Water Pollut.
International Journal of Biometeorology	Int. J. Biometeorol.
International Journal of Climatology	Int. J. Climatol.
International Journal of Geographical Information Science	Int. J. Geogr. Inf. Sys.
International Journal of Remote Sensing	Int. J. Remote Sens.
Irrigation and Drainage	Irrig. Drain.
Izvestiya, Academy of Sciences, USSR, Atmospheric and Oceanic Physics	Izv. Acad. Sci. USSR, Atmos. Oceanic Phys.
Journal of Aerosol Science	J. Aerosol Sci.
Journal of Applied Meteorology	J. Appl. Meteorol.
Journal of Applied Meteorology and Climatology	J. Appl. Meteor. Climatol.
Journal of Applied Physics	J. Appl. Phys.
Journal of Atmospheric and Oceanic Technology	J. Atmos. Oceanic Technol.
Journal of Atmospheric and Solar-Terrestrial Physics	J. Atmos. Sol.-Terr. Phys.
Journal of Atmospheric and Terrestrial Physics	J. Atmos. Terr. Phys.
Journal of Atmospheric Chemistry	J. Atmos. Chem.
Journal of Climate	J. Climate
Journal of Climate and Applied Meteorology	J. Climate Appl. Meteor.
Journal of Computational Physics	J. Comput. Phys.
Journal of Fluid Mechanics	J. Fluid Mech.
Journal of Geophysical Research	J. Geophys. Res.
Journal of Glaciology	J. Glaciol.
Journal of Hydrology	J. Hydrol.
Journal of Hydrometeorology	J. Hydrometeor.
Journal of Japan Society of Air Pollution	J. Japan Soc. Air Pollut.
Journal of Marine Research	J. Mar. Res.
Journal of Marine Systems	J. Mar. Syst.
Journal of Meteorology	J. Meteor.
Journal of Physical Chemistry	J. Phys. Chem.
Journal of Physical Oceanography	J. Phys. Oceanogr.
Journal of the Air and Waste Management Association	J. Air Waste Manage. Assoc.
Journal of the Air Pollution Control Association	J. Air Pollut. Control Assoc.
Journal of the American Statistical Association	J. Amer. Stat. Assoc.
Journal of the American Water Resources Association	J. Amer. Water Resour. Assoc.
Journal of the Atmospheric Sciences	J. Atmos. Sci.
Journal of the Korean Meteorological Society	J. Korean Meteor. Soc.
Journal of the Meteorological Society of Japan	J. Meteor. Soc. Japan
Journal of the Royal Statistical Society	J. Roy. Stat. Soc.
Korean Journal of the Applied Statistics	Korean J. Appl. Stat.
Korean Journal of the Atmospheric Sciences	Korean J. Atmos. Sci.

Title of Journal	Abbreviation
Meteorological Applications	Meteor. Appl.
Meteorological Bulletin	Meteor. Bull.
Meteorological Monographs	Meteor. Monogr.
Meteorologische Zeitschrift	Meteor. Z.
Meteorology and Atmospheric Physics	Meteor. Atmos. Phys.
Monthly Weather Review	Mon. Wea. Rev.
Natural Hazards	Nat. Hazards
Nature	Nature
Nuovo Cimento	Nuovo Cimento
Philosophical Transactions of the Royal Society of London	Philos. Trans. Roy. Soc. London
Photochemistry and Photobiology	Photochem. Photobiol.
Physics and Chemistry of the Earth	Phys. Chem. Earth
Proceedings of the National Academy of Sciences (PNAS)	Proc. Natl. Acad. Sci.
Proceedings of the Royal Society of London	Proc. Roy. Soc. London
Pure and Applied Geophysics	Pure Appl. Geophys.
Quarterly Journal of the Royal Meteorological Society	Quart. J. Roy. Meteor. Soc.
Quaternary International	Quat. Int.
Radio Science	Radio Sci.
Remote Sensing of the Environment	Remote Sens. Environ.
Reviews of Geophysics	Rev. Geophys.
Science	Science
Science of the Total Environment	Sci. Total Environ.
Scientific Online Letters on the Atmosphere (SOLA)	Sci. Online Lett. Atmos.
Solar Energy	Solar Energy
Space Science Review	Space Sci. Rev.
Statistical Sciences	Stat. Sci.
Studies in Applied Mathematics	Stud. Appl. Math.
Surveys in Geophysics	Sur. Geophys.
Technometrics	Technometrics
Tellus	Tellus
Terrestrial, Atmospheric and Oceanic Sciences	Terr. Atmos. Oceanic Sci.
Theoretical and Applied Climatology	Theor. Appl. Climatol.
Water Resources Research	Water Resour. Res.
Water, Air, & Soil Pollution	Water, Air Soil Pollut.
Weather	Weather
Weather and Forecasting	Wea. Forecasting
Weatherwise	Weatherwise
World Meteorological Organization Bulletin	WMO Bull.
Zeitschrift für Meteorologie	Z. Meteor.

- For Journal Abbreviations not listed here, please refer to the following web site provided by the Web of science:

http://images.isiknowledge.com/WOK45/help/WOS/A_abrvjt.html



<http://www.springer.com/journal/13143>

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