

## AGU Reference Style

### Reference Categories and Their Required Elements

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| <p>1. Article in Journal</p> <ul style="list-style-type: none"> <li>Author(s)</li> <li>Year (in parentheses)</li> <li>Title of article</li> <li>Journal title (in italics)</li> <li>Volume number (in italics)</li> <li>Page(s)</li> </ul> | <p>2. Article in Journal With DOI</p> <ul style="list-style-type: none"> <li>Author(s)</li> <li>Year (in parentheses)</li> <li>Title of article</li> <li>Journal title (in italics)</li> <li>Volume number (in italics)</li> <li>Issue number (in parentheses)</li> <li>Page(s) (or Citation number)</li> <li>DOI</li> </ul> |
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Note that as of 1 January 2004, articles published in AGU journals will not use the separate issue number element. The issue number will be included in the new six-digit citation number.

Journal titles are abbreviated according to the Chemical Abstracts Service Source Index. Write out title in full if abbreviation is not known.

Examples:

Brophy, J. G., E. M. Klein, and M. A. Stewart (1999), Textural (Nomarski interferometry) studies of plagioclase phenocryst zonation styles in MORB dikes and lavas from the north wall of the Hess Deep Rift, *Eos Trans. AGU*, 80(46), Fall Meet. Suppl., F985.

Budetta, G., and D. Carbone (1998), Temporal variations in gravity at Mt. Etna (Italy) associated with the 1989 and 1991 eruptions, *Bull. Volcanol.*, 59, 311–326.

Liu, H.-L., and J. W. Meriwether (2004), Analysis of a temperature inversion event in the lower mesosphere, *J. Geophys. Res.*, 109, D02S07, doi:10.1029/2002JD003026.

Ma, J., D. W. Waugh, A. R. Douglass, S. R. Kawa, and S.-J. Lin (2003), Evaluation of the transport in the Goddard Space Flight Center three-dimensional chemical transport model using the equivalent length diagnostic, *J. Geophys. Res.*, 108(D6), 4201, doi:10.1029/2002JD002268.

Schröder, M., M. König, and J. Schmetz (2009), Deep convection observed by the Spinning Enhanced Visible and Infrared Imager on board Meteosat 8: Spatial distribution and temporal evolution over Africa in summer and winter 2006, *J. Geophys. Res.*, doi:10.1029/2008JD010653, in press.

Sentman, D., H. Stenbaek-Nielsen, M. McHarg, and J. Morrill (2007), Plasma chemistry of sprite streamers, *Eos Trans. AGU*, 88(52), Fall Meet. Suppl., Abstract AE42A-08.

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| <p>3. Book</p> <ul style="list-style-type: none"> <li>Author(s)/Editor(s)</li> <li>Year (in parentheses)</li> <li>Book title (in italics)</li> <li>Series title and vol. (if any)</li> <li>Total page(s) (optional)</li> <li>Publisher</li> <li>Location (city and state/country)</li> </ul> | <p>4. Article in Book</p> <ul style="list-style-type: none"> <li>Author(s)</li> <li>Year (in parentheses)</li> <li>Title of article</li> <li>Book title (in italics)</li> <li>Edition (if any)</li> <li>Editor(s) (if any)</li> <li>Page(s) of article in book</li> <li>Publisher</li> <li>Location (city and state/country)</li> </ul> |
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## Examples:

Gaines, S., P. Hataway, and S. Hipskind (Eds.) (1992), *Airborne Arctic Stratospheric Expedition II* [CD-ROM NASA/UARP-004], NASA Ames Res. Cent., Moffett Field, Calif..

McDougall, I., and T. M. Harrison (Eds.) (1999), *Geochronology and Thermochronology by the  $^{40}\text{Ar}/^{39}\text{Ar}$  Method*, 2nd ed., 269 pp., Oxford Univ. Press, New York.

Scholz, C. H., and T. C. Hanks (2004), The strength of the San Andreas fault: A discussion, in *Rheology and Deformation of the Lithosphere at Continental Margins*, edited by G. D. Karner et al., Columbia Univ. Press, New York, in press.

Sweet, P. A. (1958), The neutral point theory of solar flares, in *Electromagnetic Phenomena in Cosmic Physics*, edited by B. Lehnert, pp. 123–134, Cambridge Univ. Press, New York.

Tullis, T., and J. Tullis (1986), Experimental rock deformation techniques, in *Mineral and Rock Deformation: Laboratory Studies, The Paterson Volume, Geophys. Monogr. Ser.*, vol. 36, edited by B. E. Hobbs and H. C. Heard, pp. 297–324, AGU, Washington, D. C.

## 5. Report/Map/Thesis/Dissertation

Author(s)  
Year (in parentheses)  
Title of report/thesis (not italic)  
Report designator/type of thesis (M.S., Ph.D., etc.)  
Page(s) (optional)  
Issuing organization/university  
Location (city and state/country)  
Date (optional)

## Examples:

Monger, J. W. H., and J. M. Journeay (1994), Guide to the geology and tectonic evolution of the southern Coast Mountains, *Open File Rep. 2490*, 77 pp., Geol. Surv. of Can., Ottawa, Ont.

Schiarizza, P., R. G. Gaba, J. K. Glover, J. I. Garver, and P. J. Umhoefer (1997), Geology and mineral occurrences of the Taseko-Bridge River area, *Bull. 100*, 291 pp., B. C. Minist. of Employ. and Invest., Energy and Miner. Div., Geol. Surv. Branch, Vancouver, B. C., Canada.

Campbell, J. K. (1970), Mariner Mars 1969, report, Jet. Propul. Lab., Pasadena, Calif.

Kineman, J. J., and M. A. Ohrensall (1992), Global Ecosystems Database, version 1.0, A documentation manual [CD-ROM], *Key Geophys. Rec. Doc. 27*, Natl. Geophys. Data Cent., Boulder, Colo.

Brown, R. J. E. (1967), Permafrost in Canada, *Map 1246A*, Geol. Surv. of Can., Ottawa, Ont.

Henderson, T. (2000), High-pressure metamorphism in the western Llano uplift, M.S. thesis, 134 pp., Univ. of Tex. at Austin, Austin, 28 June.

## 6. Data Sets

Author(s)  
Year  
Title of data set  
Dates used (if applicable)

Access number or code  
 Data center  
 Location  
 Update information (if applicable, in parentheses)

Data sets cited must meet the following three criteria: (1) open to scientists throughout the world; (2) committed to archiving data sets indefinitely, and (3) provide services at reasonable costs. Currently, World and National Data Centers meet these requirements. (See [List of World Data Centers and National Data Centers](#).)

Example:

Hall, D. K., G. A. Riggs, and V. V. Salomonson (2000), MODIS/Terra Snow Cover 5-Min L2 Swath 500m, Version 4, October 2007 to April 2008, [http://nsidc.org/data/mod10\\_l2.html](http://nsidc.org/data/mod10_l2.html), Natl. Snow and Ice Data Cent., Boulder, Colo. (Updated daily.)

## Organization of the Reference List

Organize the reference list by strict letter-by-letter alphabetization of the first item in the reference, as in the sequence of Lane, Le Pichon, Macaulay, MacDonald, McDonald, Sanders, Sandia National Laboratories, St. Amant, Urey, von Seggern.

List references by the same first author in the following order:

1. First author alone, list chronologically, earliest work first.
2. One coauthor, list alphabetically by coauthor and then chronologically.
3. Two or more coauthors (i.e., cited as "et al." in text), list chronologically.

The following list illustrates this sequence:

Smith, A. (1989a),...  
 Smith, A. (1989b),...  
 Smith, A. (1991),...  
 Smith, A., and C. Allen (1992),...  
 Smith, A., and B. Frank (1995),...  
 Smith, A., and B. Frank (1997),...  
 Smith, A., L. Roberts, and T. Jones (1993),...  
 Smith, A., T. Jones, and L. Roberts (1997),...

Use only initials for first names. Alphabetize different first authors having the same last name according to the initials of their first names. If their initials are the same, alphabetize them by their full names or by the last names of the second authors if any. Use first author and et al. for more than 10 authors: Smith, A., et al.

## Text Citations

References are cited by the last name of the author(s) (use et al. for three or more authors) and the year: [*Smith*, 1991; *Smith and Allen*, 1992; *Smith et al.*, 1993]. If the author's name is part of the sentence, only the year is bracketed: *Jones* [1990].

Two or more publications by the same author in the same year are distinguished by a, b, and c after the year: [*Smith*, 1989a, 1989b].

Avoid the wording "in *Smith* [1999]"; use instead, "in the work of *Smith* [1989]" or "by *Smith* [1989].

Acceptable words within brackets:

Before reference

see  
e.g.,  
cf.  
from  
after  
i.e.,  
also

After reference

and references therein  
pp., equation, chapter  
Table, Figure, etc.  
ff. (close up: p. 53ff.)

Examples:

[see also <i>Jones</i> , 2000]	by <i>Thomas</i> [1992, and references therein] and <i>Evans</i> [1993]
[e.g., <i>Evans</i> , 1993a, 1993b, 1994]	for further details, see <i>Smith</i> [1989, Table 1.3]
by <i>Hacker et al.</i> [2000, Figure 3]	(300 km [ <i>Davis</i> , 2001] and 450 km [ <i>Armstrong et al.</i> , 2002])

### **Presented Paper: Guidelines on Citing Meetings Abstracts**

Because of their lack of content, meetings abstracts should be cited sparingly, and cited abstracts should be no more than 2 years old. At submission, please supply justification for including references to meetings abstracts. The editor has complete authority to allow or exclude these references.

Abstracts that are part of the published record (e.g., appear in a journal) should be included in the reference list. Unpublished abstracts should be cited in text only, using the following format: Author(s), Title of abstract, paper presented at Title of Meeting, Meeting Sponsor, Meeting Location, Date.

References to published peer-reviewed extended abstracts or full-length articles will be considered with other peer-reviewed literature rather than under these guidelines.

Examples:

discussed by B. Renard et al. (Bayesian total error analysis for hydrologic models: Quantifying uncertainties arising from input, output and structural errors, paper presented at 31st Hydrology and Water Resources Symposium, Engineers Australia, Adelaide, South Australia, Australia, 2008).

by recent data (B. Renard et al., Bayesian total error analysis for hydrologic models: Quantifying uncertainties arising from input, output and structural errors, paper presented at 31st Hydrology and Water Resources Symposium, Engineers Australia, Adelaide, South Australia, Australia, 2008).

### **Electronic Data**

Because the Internet is a dynamic environment and sites may change or move, treat World Wide Web, ftp files, and electronically archived data stored at data centers other than World, National Data Centers, and other approved data centers as unpublished, i.e., in text only. For information on how to cite auxiliary material (e.g., data sets, animations, spreadsheets) that you intend to store at AGU, see <http://www.agu.org/pubs/elecsupp.html#footnote>

Examples:

Magellan data are available at <http://www.pds.wustl.edu>.

Mixing ratios are available for Carbon Dioxide Information and Analysis Center (Oak Ridge, Tennessee; anonymous ftp to <ftp.codl.noaa.gov>)

**Personal Communications/Preprints**

Personal communications, unpublished data or reports, and preprints are not included in the reference list; they are cited in text (in parentheses with year):

Examples:

provided by F. S. Jones (unpublished data, 1990)

(T. Smith, preprint, 2002)

R. Reynolds (manuscript in preparation, 2003)