

Journal of Advanced Geospatial Science and Technology Manuscript Layout & Reference Guide

Structure

The structure and formatting style of this journal follows are as follows.

When submitting, your paper should be compiled in the following order:

- 1) Title Page (with author names and affiliation);
- 2) Abstract;
- 3) Keywords;
- 4) Introduction,
- 5) Materials and Methods,
- 6) Results and Discussion;
- 7) Acknowledgments;
- 8) References;

After your paper is accepted by our reviewers, you may need to rearrange your paper as below

- 1) Title Page (with author names and affiliation);
- 2) Abstract;
- 3) Keywords;
- 4) Introduction,
- 5) Materials and Methods,
- 6) Results and Discussion;
- 7) Acknowledgments;
- 8) References;
- 9) Table(s) with caption(s) (on individual pages); *Table should be saved separately from the text.
- 10) Figures; figure captions (as a list). * Figures should be saved separately from the text.

Word Limits

There are no word limits for papers in this journal.

Style Guidelines

Please use British spelling style.

Please use single quotation marks. Please note that long quotations should be indented without quotation marks.

Every mathematical variable, function, and term must be defined clearly on first use, even those that are well-known or have an implied meaning in the context of the equation.

Font

Use Times New Roman font in size 12 with double-line spacing.

Margins

Margins should be at least 2.5cm (1 inch).

Title

Use bold for your article title, with an initial capital letter for any proper nouns.

Abstract

Write your abstract that focus on what your research is about, what methods have been used, and what you found out.

Keywords

Keywords help readers find your article. Please provide at least three or maximum five keywords.

Headings

Please follow this guide to show the level of the section headings in your article:

1. First-level headings (e.g. Introduction, Conclusion) should be in **bold**, with an initial capital letter for any proper nouns.
2. Second-level headings should be in ***bold italics***, with an initial capital letter for any proper nouns.
3. Third-level headings should be in *italics*, with an initial capital letter for any proper nouns.

Tables and figures

Consider the size of each table and whether it will fit on a single journal page.

When submitting multiple tables, consistency in presentation is advised.

Please use notes, italics, or bold text for emphasis with accompanying footnotes explaining their significance.

It's very important that you have been given permission to use any tables or figures you are reproducing from another source before you submit.

Tables should present new information rather than duplicating what is in the text. Readers should be able to interpret the table without reference to the text, but ensure you refer to each table in the text.

Resolution of figures must be 300dpi.

After your paper is accepted by our reviewers, your original figures and tables must be in editable files (e.g. in Microsoft Word or Excel). They need to be given as separate files from main manuscript. Non-editable files (e.g. JPEG or TIFF images, or images of text boxes in PowerPoint) are not suitable formats. Resolution of figures must be 300dpi. In your main manuscript, insert a note in the text indicating the preferred location for each tables and figures should appear, for example, by writing *[Table 1 put here]*. Please present table titles separately for each table, rather than including them as the first row of the table. Table notes should be separate from the titles and included underneath the table to which they apply.

Mathematical Scripts

All equations should be numbered in consecutive Arabic numbers (in parentheses). Equations may be referred to in the text as 'Equation (1)', 'Equations (2)–(4)', etc.

For units and symbols, the SI system should be used.

Equation must be in editable format, and not presented as an image.

Reference Guide

Please use this reference guide when preparing your paper which based on author-date system (The Chicago Manual of Style (16th edn))

In the text	
Placement	Sources are cited in the text, usually in parentheses, by the

	<p>author's surname, the publication date of the work cited, and a page number if necessary. Full details are given in the reference list (under the heading References).</p> <p>Place the reference at the appropriate point in the text; normally just before punctuation. If the author's name appears in the text, it is not necessary to repeat it, but the date should follow immediately:</p> <p>Ahmad and Idris (2019) investigate on this subject.</p> <p>Hassan's (2015) study is valuable.</p> <p>If the reference is in parentheses, use square brackets for additional parentheses:</p> <p>(see, e.g., Mike [2014, 68] on this subject).</p>
<p>Within the same parentheses</p>	<p>Separate the references with semicolons. The order of the references is flexible, so this can be alphabetical, chronological, or in order of importance, depending on the preference of the author of the article. If citing more than one work by an author, do not repeat the name:</p> <p>(John 2010, 2012; Chew 2012)</p> <p>(John 2010, 2012, 84; Chew 2012, 54–60)</p> <p>(John 2012a, 2012b, 82; Chew 2012, 9)</p>
<p>Repeat mentions in the same paragraph</p>	<p>Place the parenthetical citation after the last reference in the paragraph or at the end of the paragraph before the final full stop (period). If the reference is to a different page, however, put the full citation at the first reference and then include only the page number at the next mention:</p> <p>Sentence (Abdul 2012, 54) ... more sentences ... "quoted text" (68).</p>

With a quotation	<p>Citation of the source normally follows a quotation, but may be placed before the quotation to allow the date to appear with the author's name:</p> <p>As John (2012, 67) points out, "quoted text."</p>
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	<p>As Bill points out, "quoted text" (2012, 67).</p> <p>After a displayed quotation, the source appears in parentheses after the final punctuation:</p> <p>end of displayed quotation. (Bill 2012, 67)</p>
Page number or other locator	<p>(John 2012, 6–10)</p> <p>(Sara 2012, vol. 2)</p>
One author	Andrew (2012) or (Andrew 2012)
Two authors	John and Jones (2012) or (John and Jones 2012)
Three authors	John, Jones, and Idris (2012) or (John, Jones, and Idris 2012)
Four or more authors	<p>John et al. (2012)</p> <p>(John et al. 2012)</p> <p>If the reference list contains two publications in the same year that would both shorten to the same form (e.g. Sara et al. 2012), cite the surnames of the first author and as many others as necessary to distinguish the two references, followed by comma and et al. (NB: you cannot use et al. unless it stands for two authors or more.). If this would result in more than three names having to be used, cite the first author plus a short title:</p> <p>(John et al., "Short Title," 2012)</p> <p>(John et al., "Abbreviated Title," 2012)</p>
Authors with same surname	G. John 2012 and F. John 2008
No author	Cite first few words of title (in quotation marks or italics depending on journal style for that type of work), plus the year.
Groups of authors that would shorten to the same form	Cite the surnames of the first author and as many others as necessary to distinguish the two references, followed by comma and et al.
Organization as author	The organization can be listed under its abbreviation so that the text citation is shorter. If this is the case, alphabetize the reference under the abbreviation rather than the full

	<p>name:</p> <p>In the text:</p> <p>(MacGDI, 2015)</p> <p>In the reference list:</p> <p>Malaysian Centre for Geospatial Data Infrastructure. 2015. <i>Title ...</i></p>
Author with two works in the same year	Put a, b, c after the year (Chew 2011a, 2011b)
Secondary source	<p>When it is not possible to see an original document, cite the source of your information on it; do not cite the original assuming that the secondary source is correct.</p> <p>Ahmad's diary (as quoted in Chew 2012)</p>
Classical work	Classical primary source references are given in the text, not in the reference list.
Personal communication	<p>References to personal communications are cited only in the text:</p> <p>Andrew (personal communication, April 12, 2011)</p>
Unknown date	<p>(Author, n.d.)</p> <p>(Author, forthcoming)</p>
Two dates	<p>List the original date first, in square brackets:</p> <p>Author ([1890] 1983)</p> <p>Multivolume works:</p> <p>(Author 1951–71)</p>
Notes	Endnotes should be kept to a minimum. Any references cited in notes should be included in the reference list.
Tables and	References cited in tables or figure legends should be

figures	included in the reference list.
Reference list	Use the heading References.
Order	<p>Alphabetically by last name of author. If no author or editor, order by title. Follow Chicago's letter-by-letter system for alphabetizing entries. Names with particles (e.g. de, von, van den) should be alphabetized by the individual's personal preference if known, or traditional usage.</p> <p>A single-author entry precedes a multi-author entry that begins with the same name. Successive entries by two or more authors when only the first author is the same are alphabetized by co-authors' last names. If references have the same author(s), editor(s), etc., arrange by year of publication, with undated works at the end.</p> <p>If the reference list contains two or more items by the same author in the same year, add a, b, etc. and list them alphabetically by title of the work:</p> <p>Peter, Lassi L. 2012a. <i>Book Title</i>. Peter, Lassi L. 2012b. <i>Title of Book</i>.</p>
Form of author name	Generally, use the form of the author name as it appears on the title page or head of an article, but this can be made consistent within the reference list if it is known that an author has used two different forms (e.g. Lily Louise Mike and L. L. Mike), to aid correct identification.
Punctuation	Headline-style capitalization is used. In headline style, the first and last words of title and subtitle and all other major words (nouns, pronouns, verbs, adjectives, adverbs) are capitalized. For non-English titles, use sentence-style capitalization.
Book	
One author	<p>Sara, John. 2012. <i>Book Title: The Subtitle</i>. Johor Bahru: UTMPress.</p> <p>Sara, J. J. 2012. <i>Book Title</i>. Johor Bahru: UTMPress.</p>

Two authors	<p>Sara, John, and Jane Jones. 2012. <i>Book Title: The Subtitle</i>. Johor Bahru: UTMPress.</p> <p>Sara, J., and J. Jones. 2012. <i>Book Title: The Subtitle</i>. Johor Bahru: UTMPress.</p>
Three authors	Sara, John, Jane Mike, and Mary Andrew. 2012. <i>Book Title: The Subtitle</i> . Johor Bahru: UTMPress.
Four to ten authors	Give all authors' names.
More than ten authors	List the first seven authors followed by et al.
Organization as author	University of Chicago Press. 2012. <i>The Chicago Manual of Style</i> . 16th ed. Chicago: University of Chicago Press.
No author	Begin the bibliography entry with the title, and ignore "the", "a" or "an" for the purposes of alphabetical order.
Chapter	<p>Chapter in a single-author book:</p> <p>Green, Mary. 2012. "Chapter Title." Chap. 5 in <i>Style Manual</i>. Johor Bahru: UTMPress.</p> <p>Chapter in a multi-author book:</p> <p>Jones, Sam. 2012. "Chapter Title." In <i>Book Title</i>, edited by John Sara, 341–346. Johor Bahru: UTMPress.</p>
Edited	<p>Sara, John, ed. 2012. <i>Collected Style Manuals</i>. Johor Bahru: UTMPress.</p> <p>Sara, John, and Jane Jones, eds. 2012. <i>Collected Style Manuals</i>. Johor Bahru: UTMPress.</p>
Edition	University of Chicago Press. 2012. <i>The Chicago Manual of Style</i> . 16th ed. Chicago: University of Chicago Press.
Reprinted work	Maitland, F. W. (1898) 1998. <i>Roman Canon Law in the Church of England</i> . Reprint, Union, NJ: Lawbook Exchange.
Multivolume work	<p>Green, M. L. 2012. <i>Collected Correspondence</i>. Vol. 2 of <i>The Collected Correspondence of M. L. Green</i>. Johor Bahru: UTMPress, 2000–.</p> <p>Idris, Lisa. 2009–12. <i>Collected Works</i>. 2 vols. Johor Bahru: UTMPress.</p>

Translated	Sara, John. 2012. <i>Collected Style Manuals</i> . Translated and edited by Jane Jones. Johor Bahru: UTMPress.
Not in English	If an English translation of the title is needed, it follows this style: Piaget, J., and B. Inhelder. 1951. <i>La genèse de l'idée de hasard chez l'enfant</i> [The Origin of the Idea of Chance in the Child]. Paris: Presses Universitaires de France.
Online	If you used an online version, cite the online version, include the URL or DOI: Sara, John. 2012. <i>Book Title: The Subtitle</i> . Johor Bahru: UTMPress. doi:xxxxxxxxxxx. Sara, John. 2012. <i>Book Title: The Subtitle</i> . Johor Bahru: UTMPress. http://xxxxxxxxxx/ .
Place of publication	Where two cities are given, include the first one only. If the city could be confused with another, add the abbreviation of the state, province, or country: Johor Bahru: UTMPress Cambridge, MA: Harvard University Press Cambridge: Cambridge University Press Oxford: Clarendon Press
Publisher	Omit initial "the", and "Inc.", "Ltd", "Co.", "Publishing Co.", etc.
Journal	
	If you used an online version, cite the online version, include a DOI (preferably) or URL.
One author	Sara, John. 2012. "Article Title: The Subtitle." <i>Journal Title in Full</i> 10 (1): 30–40. doi:xxxxxxxxxxx. Sara, J. 2012. "Article Title: The Subtitle." <i>Journal Title in Full</i> 10 (1): 30–40. doi:xxxxxxxxxxx.

Two authors	<p>Sara, John, and Lisa Idris. 2012. "Article Title: The Subtitle." <i>Journal Title in Full</i> 10 (1): 200–210. doi:xxxxxxxxxxx.</p> <p>Sara, J. , and L. Idris. 2012. "Article Title: The Subtitle." <i>Journal Title in Full</i> 10 (1): 200–210. doi:xxxxxxxxxxx.</p>
Three authors	<p>Sara, John, Jane Jones, and Mary Green. 2012. "Article Title: The Subtitle." <i>Journal Title in Full</i> 10 (1): 33–39. doi:xxxxxxxxxxx.</p> <p>Sara, J. , J. Jones, and M. Green. 2012. "Article Title: The Subtitle." <i>Journal Title in Full</i> 10 (1): 33–39. doi:xxxxxxxxxxx.</p>
Four to ten authors	Give all authors' names.
More than ten authors	List the first seven authors followed by et al.
Translated	Idris, Lisa. 2012. "Article Title in English." [In Hindi.] <i>Journal Title in Full</i> 10 (3): 10–29. doi:xxxxxxxxxxx.
Not in English	Capitalize sentence-style, but according to the conventions of the relevant language.
Other article types	Sara, John. 2012. "Title of Book Review." Review of <i>Book Title</i> , by Lisa Idris. <i>Journal Title in Full</i> 10 (1): 33–39. doi:xxxxxxxxxxx.
Issue numbers	<p>The issue number can be omitted if the journal is paginated consecutively through the volume (or if month or season is included), but it is not incorrect to include it.</p> <p>When volume and issue number alone are used, the issue number is within parentheses. If only an issue number is used, it is not within parentheses:</p> <p><i>Journal Title</i>, no. 25: 63–69.</p> <p>If using month, abbreviate as Jan., Feb., etc. If using season, spell out in full.</p>
Online first publication	Use year of online publication and include 'Advance online publication'. Remove any version type, eg Rapid online or epub, e.g.:

	<p>Yoon, Yi-Peng. 2019. "A review of Advanced Geospatial." <i>International Journal of GIS</i>. Advance online publication. doi: 10.1079/14733288.2019.1026888.</p> <p>If you can update the reference to include published volume and issue numbers before publication, please do so.</p>
Conference	
Proceedings	Individual contributions to conference proceedings are treated like chapters in multi-author books. If published in a journal, treat as an article.
Paper	Sara, John. 2019. "Title of Paper." Paper presented at the annual meeting for the Society of XXXX, Wales, November 21-24.
Poster	Sara, John. 2019. "Title of Poster." Poster presented at the annual meeting for the Society of XXXX, Wales, November 21-24.
Thesis	
	Sara, John. 2020. "Title of Thesis." PhD diss., University of Nottingham.
Unpublished work	
Book or journal article	Use Forthcoming instead of the date. If an article is not yet accepted, treat as a thesis.
Internet	
Website	<p>In text only:</p> <p>("As of July 19, 2012, the RTM listed on its website . . .").</p>
Document	Reference depending on the type of document. Access dates are not required unless no date of publication or revision can be found.

	<p>Where date of publication is given access dates are not required, <i>but should be retained when supplied by the author</i>, e.g.:</p> <p>Dorling, Dahlia. 2013. "The current pandemic impact to small business ?" <i>The New Straits Time</i>, January 28.7 http://www.nst.com/economy/2017/oct/28/Dahlia-dorling-economy</p> <p>OR</p> <p>Dorling, Dahlia. 2013. "The current pandemic impact to small business ?" <i>The New Straits Time</i>, October 28. Accessed 13 April 2017. http://www.nst.com/economy/2017/oct/28/Dahlia-dorling-economy</p> <p>If citing an undated online document, give an access date and use the year of access as year of publication: National Library. 2019. "Library Strategy." National Library. Accessed June 3 2012. http://www.utm.org/library/strategy.html</p>
Electronic mailing list	In text only (name of list, date of posting, URL).
Blog	In text only.
Multimedia	Include date that material was accessed if no original date can be determined. Include information about original performance or source, e.g. of a speech or performance. Include indication of source type.
Newspaper or magazine	
	<p>Newspapers and magazines are cited in the text, and no entry is needed in the bibliography: "quotation from newspaper" (<i>Sunday Times</i>, February 8, 2019)</p> <p>... as noted in a <i>NST</i> article on February 27, 2019... If a reference is needed or preferred, use this style:</p> <p>Author. 2019. "Article Title." <i>New Straits Times</i>, April 8.</p>

	<p>http://xxxxxxxxxxxxxx.</p> <p>(If no author is identified, begin the citation with the article title.)</p>
Report	
	Treat pamphlets, reports, brochures and freestanding publications such as exhibition catalogues as books. Give sufficient information to identify the document.
Personal communication	
Letter, telephone conversation, or email	<p>Place references to personal communications such as letters and conversations within the running text, not as formal end references:</p> <p>... as mentioned in a letter to me from Ahmad Kassim, March 4, 2017 ...</p> <p>Letters in published collections are cited by date of the collection, with individual correspondence dates given in the text:</p> <p>In a letter to Ahmad Kassim from Universiti Teknologi Malaysia, June 24, 2017 (Mike 2020, 34), ...</p>
Other reference types	
Patent	Peter, Will. 2000. Patent description. US Patent 12345, filed Dec 23.

Audio and visual media	<p>Brendon, Leonard, dir. <i>Symphony no. 5</i>, by Dmitri Adam. Scotland Philharmonic. CBS IM24554.</p> <p>Lily, W. H. <i>Poems</i>. Read by the author. SpokenArts 7150. Compact disc.</p>
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Database	<p>Name of Database (details; accessed Month Day, Year). http://xxxxxxxxxxxxxxxxxxxxxxxxxxxx/.</p>
Dataset	<p>Ashraf, Mohamad. 2017. "Data from: Brown Plant Hopper Pest in Malaysia" (dataset). Jabatan Pertanian Digital Repository. Accessed December 22, 2019. https://doi.org/10.5061/DOA.k9q7h.</p>

