

AUTHOR GUIDE

1 ABOUT JOURNAL

‘Hydrospatial Analysis’ (HSA) publishes double-blind peer-reviewed articles within all fields of hydrology with a geospatial approach. Articles present hydrospatial analysis of the physical, chemical, biological, socio-economic, system, and administrative aspects of surface and groundwater. ‘Hydrospatial Analysis’ incorporates innovative insights, methods and techniques used in disciplines like hydrology, agrohydrology, water resource systems, hydraulics, climatology, soil sciences, oceanography, remote sensing, civil engineering, urban management, environmental sciences, applied sciences, etc. Articles on the social, economic, cultural, psychological, behavioral, management, and policy aspects of water are also invited.

‘Hydrospatial Analysis’ is an online journal that publishes articles immediately after acceptance. All published articles are assigned a DOI, and the journal is committed to maintaining international standards of scholarly publications by applying CrossMark on the webpage and PDF of each article.

1.1 Aim and Scope

‘Hydrospatial Analysis’ is focused on advancing spatial studies in hydrology through a strong database, innovative techniques, and methodologies, etc.

1.2 Topics

‘Hydrospatial Analysis’ covers the following broad topics, but is not restricted to:

1. Hydrology of river, lake, dam, ocean, groundwater, etc.,
2. Morphometric analysis,
3. Watershed analysis,
4. Water resource analysis,
5. Water quality analysis,
6. Water resource management,
7. Wastewater analysis,
8. Socio-economic issues related to water distribution,
9. Case studies,
10. etc.

1.3 Subjects Covered

Hydrology, Geology, Geomorphology, Oceanography, Climatology, Meteorology, Geography, Economics, Urban Studies, Administration and Governance, etc.

1.4 Audience

‘Hydrospatial Analysis’ has a wide readership, including Scientists, Academicians, Engineers, Administrators, etc., interested in hydrospatial analysis and its applications.

2 UNIQUE PUBLISHING POINTS (UPP)

Author(s) should clearly state the points that elaborate the uniqueness of the article in the introduction or background section. These points may include innovations, improvements, critiques, techniques, methodology, findings, etc.

3 CONSIDERATIONS

‘Hydrospatial Analysis’ considers manuscripts on the following conditions:

- a) The manuscript is your own original work,
- b) The manuscript is not submitted to and/or under consideration for publication in any other journal, book, volume, etc.,
- c) The manuscript does not contain abusive, defamatory, libelous, obscene, fraudulent, or illegal matter, words, statements, images, data, etc.

4 TYPE OF ARTICLES

‘Hydrospatial Analysis’ publishes articles in the form of:

- a) Original Research Paper
Original research paper reports the results of original research.
- b) Technical Paper
Technical paper gives a complete description of a specific application of a technique, in brief (4 to 5 pages).
- c) Review Article
Review article reports the progress, shortfall, views, approaches, trends, etc. reported in previous research. The article may be submitted directly through the Manuscript Portal® or by invitation.
- d) Book Review
We invite a precise review (1 to 2 pages, or 500 words) of a recently published, relevant book.

5 GENERAL GUIDELINES

5.1 Documents and Order

Use MS Word to prepare the manuscript and submit the original files through the Manuscript Portal® to ‘Hydrospatial Analysis’ (HSA). Save files as First Page, Main text, Table, Figure, Captions, etc. The Main text file may be named ‘Manuscript’ with the author’s initials, e.g. Manuscript_vsb; tables as Table_1, Table_2, ...; figures as Figure_1, Figure_2, ...

The manuscript should be submitted in the following order:

- a) First Page
Title,
Author details: Author name(s), Affiliation(s) with address,
Correspondence: Address(s), Email, Fax, Telephone, Cell phone, etc.
Author for Correspondence: Address(s), Email, Fax, Telephone, Cell phone, etc.
Funding agency, Funding Awards, etc.
- b) Main text,
Title (without author details),
Abstract (150 words),
Key Words (4 to 6),
Introduction,
Body (methodology, results, discussions, findings, conclusions),
Acknowledgements,
Conflicts of Interest,
Endnotes,
References
- c) Tables
- d) Figures
- e) Captions

5.2 Language

We prefer plain American English for manuscripts submitted to all journals of GATHA COGNITION®; however, manuscripts prepared in British and Indian English are also acceptable.

5.3 Font and Size

Use a regular font, 'Times New Roman', size 10pt, for manuscripts. Avoid the use of italics; however, it is suggested for special words like vernaculars or regional languages.

5.4 Paragraph and Spacing

Paragraphs should be formatted with single line spacing, with 6pt spacing before and after each paragraph and heading.

5.5 Headings and Subheadings

We accept headings up to **three levels**.

1. HEADING LEVEL - I

Capital and bold,

Numbers- 1, 2, 3, ...

Start numbers from Introduction or background, exclude abstract and key words.

1.1 Heading Level - II

Capitalize each word (exclude words like the, in, and, etc.) with bold.

Numbers- 1.1, 1.2, 1.3, ... 2.1, 2.2, 2.3, ...

1.1.1 Heading level - III

Italic

Numbers- 1.1.1, 1.1.2, 1.1.3, ... 1.2.1, 1.2.2, ...

5.6 Citations

All references listed at the end of manuscript, tables, figures, etc. should be cited in the text at appropriate places as:

a) References

- Single author: (Bhagat, 2002), ... Bhagat (2002)
- Two authors: (Smith and Warner, 2002)
- Authors more than two: (Smith *et al.*, 2006)
- Two or more citations: (Bhagat, 2002; Smith and Warner, 2002; and Smith *et al.*, 2006), ... Bhagat (2002), Smith and Warner (2002), and Smith *et al.* (2006)

b) Table(s): (Table 1), (Table 2), ...

c) Figure(s): (Figure 1), (Figure 2), ...

d) Equation(s): (equation (1))

5.7 Quotations

Author may quote generic texts from published literature to enrich the manuscript using single '...' as well as double "..." quotation marks, with proper citations.

5.8 Footnotes

Footnotes may be given at the end of manuscript.

5.9 Mathematical Issues

1. Equations should be composed using 'Equation formats' available in MS Word.
2. Use standard units, symbols, universal constants, functions, etc. for representation of mathematical data.
3. Equations should be numbered as: (1), (2), ... and cited in the text as (equation (1)), (equation (2)).

5.10 Figures

1. Only high-quality figures are acceptable for publication of the article. Please scan images at the following resolutions: 1200 dpi for line art, 600 dpi for greyscale, and 300 dpi for color images.
2. Figures should be saved in separate files as TIFF, JPG and PNG.
3. Figures must be numbered (Figure 1, Figure 2, ...) in the order in which they appear in the text.
4. Figures must be captioned and all captions should be provided on separate page.
5. All axes on the graph must be labeled, and units (km², m, kg, etc.) must be clearly stated.
6. Map or remote sensing images should have:
 - a) North arrow and scale bar with clearly stated units.
 - b) Location information with standard geographical coordinates.
 - c) Borders should be carefully mapped from authentic maps only.

5.11 Highlights

Author should provide 4 to 6 bullet points to highlight the important aspects of the article including background, methodology, findings, conclusions, etc. Each bullet point should be less than 70 characters including spaces. Highlights appear only on web pages.

5.12 Graphical Abstract

A graphical abstract is a summary of the main findings of the article presented in graphical form, i.e. image, graph, picture, map, formula, etc. It is used to show the main findings of the article graphically in the online version. The graphical abstract helps the reader capture the research findings at a glance. All graphics, i.e. images, should be prepared at 300 dpi, with preferred file types: TIFF, JPG, and PNG.

5.13 List of References

References should be listed alphabetically at the end of manuscript as below:

1. Journal Article

Author name [surname and initials], year of publication. Title of article. *Name of the journal (Italic)*, number of volume (issue number), page numbers.

Bhagat, V. S., 2009. Use of LANDSAT ETM+ data for detection of potential areas for afforestation. *Int. J. Rem. Sens.*, 30 (10), 2607–2617.

2. Edited Book

Author name(s) [surname and initials], year of publication. Title of article or chapter. Name(s) of the editor(s), *name of the book (Italic)*, edition, publication, city (country), page numbers.

Wang, J. R. and Choudhury, B. J. 1995. Passive microwave radiation from soil: Examples of emission models and observations. Choudhury, B., Kerr, Y., Njoku, E., Pampaloni, P. (Eds.), *Passive Microwave Remote Sensing of Land–Atmosphere Interactions*, The Netherlands, 423–460.

3. Book

Author name(s) [surname and initials], year of publication. *Name of the book (Italic)*. Edition, publication, city (country), page numbers.

Hui, L., Di, L., Xianfeng H., and Deren, L., 2008. *Laser intensity used in classification of lidar point cloud data*. Geoscience and Remote Sensing Symposium, Boston, Massachusetts, USA, 28–35.

- Schmugge, T. J. and Choudhury, B. J., 1980. *A comparison of radiative transfer models for predicting microwave emission from soils*. NASA Technical Memorandum 80688, USA.
- Deer, P., 1999. *Digital change detection techniques: civilian and military application published in the UK*. Taylor and Francis Ltd.
4. Conference paper published in volume
 Author name(s) [surname and initials], year of publication. Title of paper. *Title of the Conference/Workshop/Symposium (Italic)*, city (country), page numbers.

 Rabia, A.H., 2012. Mapping soil erosion risk using RUSLE, GIS and Remote Sensing Techniques. In *the 4th International Congress of ECSSS, EUROSOIL*, Bari, Italy.
 5. Reports
 Name of the organization [Abbreviation], year of publication. Title of report. Name of the Organization, city (country), page numbers.

 FAO, 1976. A framework for land evaluation, Soil Bulletin 32. Food and Agriculture Organization of the United Nations, Rome, Italy.
 Census of India, 2011. Government of India.
 6. Thesis and Dissertation
 Author name(s) [surname and initials], year of submission. Title of the Thesis/dissertation. Degree, name of the University / Organization, city (country), page numbers.

 Wakene, N., 2001. Assessment of important Physiochemical properties of Dystric Udalf (Dystric Nitosols) under different management system in Bako area, Western Ethiopia. M.Sc. Thesis. School of Graduate Studies, Alemaya University, Ethiopia.
 7. Patents
 Author name(s) [surname and initials], year of publication. Title of the patent. Patent number.

 Balsam, W. L. and Tex, B. C., 1992. Method for quantitative detection of organic materials in rock and sediments using visible light spectra. US 5155546.
 8. Web Pages
 Give URL and mention the date of accession.

 WMO, 2005. Climate and land degradation. World Meteorological Organization (WMO) Publication No. 989. Available online at <http://www.wmo.int>, accessed on 22nd June 2016.
 9. DOI (Digital Object Identifier)
 Articles with a DOI are citable in manuscripts submitted to ‘Hydrospatial Analysis’ (HSA). Mention the DOI in citations.

 Zolekar, R. B. and Bhagat, V. S., 2015. Multi-criteria land suitability analysis for agriculture in hilly zone: Remote sensing and GIS approach. *Computers and Electronics in Agriculture*, 118, 300–321, <http://dx.doi.org/10.1016/j.compag.2015.09.016>
 10. We accept abbreviations of journal names provided by the journals.

Please Note

1. Appendices
 Appendices are not required for articles published in ‘Hydrospatial Analysis’ (HSA).
2. Figure(s)
 Each figure should be in separate file.
3. Authorship
 - a) The person leading the reported research and manuscript preparation should be listed as the first author of the article.

- b) All persons involved in reported research and preparation of manuscript must be named in the manuscript as co-authors.
- c) The corresponding author must be authorized and agreed upon by all author(s) for all correspondence required for publication of the manuscript.
- 4. Affiliations
The manuscript must contain the full name and contact information, including detailed address, telephone numbers, email, etc., of the organization, research institute, etc., where the authors work and the research was undertaken. Please note that no change will be accepted after the manuscript is accepted for publication in 'Hydrospatial Analysis' (HSA).
- 5. Author name(s) and affiliation(s) should be mentioned on the 'first page', only.
- 6. Funding agencies
Author(s) should mention funding agencies and grant-awarding bodies that helped fund the research reported in the article. Please mention details [e.g. scheme or grant number, year] of grants or awards received for the research.
- 7. Biographical note
Biographical notes are not required for this journal.
- 8. Use plain English and avoid discriminatory, sexist or racist terms and language.

6 PUBLICATION CHARGES

There are no submission fees or page charges, including for color pages, for 'Hydrospatial Analysis' (HSA).

7 REPRODUCTION OF COPYRIGHTED CONTENTS

Author must obtain written permission to use texts, data, images, tables, drawings, audio clips, video clips, film stills, and screenshots from the copyright owner, prior to submission. The source of the content must be acknowledged and cited in the text.

8 COPYRIGHTS

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10 e-PRINTS

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11 CHECK LIST

Please refer to the check list before manuscript submission, for successful publication.

- 1. First page prepared separately and information of author(s) not included in manuscript.
- 2. Author(s) information including full name(s) according to sequence(s), affiliation(s), contacts (telephone, cell, fax, email, etc.), author for correspondence, etc. given in the first page.
- 3. Title of the manuscript is prepared well with short headings not more than 50 characters.
- 4. Abstract length is not more than 150 words.
- 5. Key words, 4 to 6 are given in manuscript.
- 6. Highlights, 4 to 6 are given on separate page. Each highlight should contain fewer than 70 characters.
- 7. Manuscript is checked thoroughly for language corrections, including spelling and grammar, using simple and straightforward sentences, etc.

8. Graphics prepared neatly and saved at 300 dpi for pictures, maps, photographs and line arts at 600 dpi in TIFF, JPG or PNG formats.
9. Tables are prepared in word processor and editable.
10. Tables and figures are prepared in separate files.
11. Equations are prepared using editable word processor and cited in the text e.g. (equation (1)).
12. Names of three potential reviewers are selected, and the required information is gathered.
13. Author for correspondence is submitting the manuscript and own copyrights.
14. Captions of figures and tables are given on separate page.
15. Text, data, figures, photographs, etc. referred from published literature are quoted and cited properly wherever required.
16. All references are cited in the text and listed in the section of 'references'.
17. Headings and subheadings are prepared according to guidelines.

12 MANUSCRIPT SUBMISSION

Well-prepared manuscripts can be submitted using the Manuscript Portal[®] on the online platform of GATHA COGNITION[™].

1. Register as author at Manuscript Portal[®].
2. Select your journal, 'Hydrospatial Analysis'.
3. Add author(s), check sequence and select author for correspondence.
4. Upload metadata of your manuscript.
5. Write and/or upload file of covering letter.
6. Submit first page separately.
7. Submit a letter answering the comments, questions, and issues raised in the reviewers' and editorial assessments, if you are submitting a revised manuscript.
8. Submit original editable file(s) prepared in word processor.
9. Submit separate and original files prepared in TIFF, JPG or PNG formats for each figure.
10. Submit separate and original file prepared for each table in word processor.
11. Submit separate and original files prepared for captions of tables and figures in word processor.
12. Check the sequence and order of uploaded files as covering letter, title page, letter answering the comments and issues raised in reviewers' and editorial assessments (if submitting revised manuscript), manuscript, figures, tables, captions of figures, captions of tables, etc.
13. Click on 'View PDF' to see the PDF of your manuscript, ready for submission.
14. Check the matter, review and click on 'Submit Manuscript'.
15. The Editorial Office will upload the copyright form to your account, along with the composed copy of the accepted manuscript, for publication.

13 OPEN ACCESS PLUS

Authors, their research institutes, and funding agencies can make their articles permanently free of charge for readers by paying an Article Publishing Charge (APC). It is strictly the author's choice and is not mandatory for publication.

13.1 Why Open Access?

1. Articles are freely available to readers without price barriers immediately after publication.
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3. Wide publicity for articles / book chapters and sole books.
4. Rigorous peer reviews for every manuscript published as open access.
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6. High online visibility at www.gathacognition.com
7. Higher possibilities of citations in reputed journals, books, reports, theses, dissertations, etc.
8. It is a green publication.

13.2 Article Publishing Charges (APC)

The Article Publishing Charge (APC) to make an article open access in 'Hydrospatial Analysis' is \$200. Authors can use the link on the Manuscript Portal® to pay the APC.

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'Open Access Overview' by Peter Suber <http://legacy.earlham.edu/~peters/fos/overview.htm>

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