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The Ethiopian Journal of Science and Technology (EJST) publishes high quality original research articles, reviews, short communications, and feature articles on basic and applied aspects of science, technology, agriculture, health and other related fields.

Section Policy

Peer reviewed

Publication Frequency

It is published two times a year

Submissions

Author Guidelines

Manuscripts should be submitted to the Editorial office of EJST e-mail editorejst@gmail.com

A letter signed by all authors declaring that the manuscript has not been published or submitted for publication elsewhere should accompany the manuscript. Authors should state that they have agreed to its submission and are responsible for its contents. This statement should preferably be signed by all authors. The cover letter should also indicate the name and address of the corresponding

Article content and format

Manuscripts should be written in English and typed double-spaced, on A4size pages, with margins of 1.75 cm on each side of the paper (top, bottom, left, and right sides), in MS Word. A font size of 12 points (Times New Roman) should be used throughout. The major headings of the manuscript such as INTRODUCTION, MATERIALS AND METHODS, RESULTS AND DISCUSSION, CONCLUSION, ACKNOWLEDGEMENTS and REFERENCES should be left aligned and written in UPPERCASE letters. The ABSTRACT should be centered. The title of the manuscript should be centered and placed at the top of page and written in sentence case.

All pages in papers must be numbered consecutively. The main text should be typed flush left with no indents and double line spaced. Insert one return between paragraphs, and a double return between paper title, and authors' names and addresses on the first page.

Research papers should not exceed 7,500 words in length, including Figures, Tables and References, and should not contain more than 10 Figures and/or Tables.

Review papers (critical and comprehensive reviews that provide new insights or interpretation of the subject through thorough and systematic evaluation of available evidence) may be longer than Research Papers if appropriate, and subject to the Editor's agreement.

Short Communications (fully documented, interpreted accounts of significant findings of original research) should not exceed 2,500 words including Figures, Tables and References. Short communications must report completed work. They must have an abstract and references, but the main body of the text does not have to follow the Introduction - Method - Results - Discussion format.

Manuscripts for full length Research articles (Research papers Review papers) should be divided into the following sections (in this order): Title page; Abstract, key words; Introduction, Materials and Methods, Results and Discussion, Conclusion, Acknowledgements, References, Tables (each table complete with title and footnotes on a separate page) and illustrations and figures.

TITLE PAGE

The title page should provide the title of the manuscript and full name(s) of the author(s), institutional affiliations. It should also indicate name address, email, fax, and telephone numbers (s) of the author responsible for correspondence about the manuscript. We also require the email addresses of all authors. Non-standard abbreviations should be avoided within the title.

ABSTRACT

The abstract of the manuscript should not exceed 250 words. This abstract should briefly describe the problem and the objectives of the study, how the study was performed, the main findings and major conclusions and recommendations. Avoid using non-standard abbreviations and references in the abstract.

KEY WORDS

After the abstract, authors should provide 3 to 6 Key words or phrases that will be used for indexing purpose.

BACKGROUND/INTRODUCTION

The introduction should clearly state the background to the research. Include a summary of a search of the literature to indicate why the study was necessary and what it aimed to contribute to the field. This section should indicate statement of what is being reported in the article and the objectives of the work. Avoid a detailed literature survey and summary of results.

MATERIALS AND METHODS

The materials and methods section should include the sampling procedures, measurements, data collection and analysis. Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described. For studies involving human participants a statement detailing ethical approval and consent should be included in the methods section.

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The results and discussion may be combined into a single section or presented separately. Present the major findings of the study in the text, tables, and illustrations and relate the observations to other relevant studies and indicate possible practical implications including implications for future research. Do not repeat the data in the tables or illustrations in the text all. Emphasize or summarize only important observations.

CONCLUSIONS

This should state clearly the main conclusions of the research and give a clear explanation of their importance and relevance. Summary illustrations may be included.

ACKNOWLEDGEMENTS

Please acknowledge anyone who did substantial contributions to conception, design, acquisition of data, or analysis and interpretation of data, or who was involved in drafting the manuscript or revising it critically for important intellectual content, but who does not meet the criteria for authorship. Please also include the source(s) of funding for each author, and for the manuscript preparation. Please also acknowledge anyone who contributed materials essential to the study.

REFERENCES

Citation in text

Ensure that every reference cited in the text is also present in the reference list (and vice versa). Unpublished results and personal communications are not recommended in the reference list, but may be mentioned in the text.

References should be cited in the text as follows:

1. Single author: the author's name (without initials, unless there is ambiguity) and the year of publication e.g. (Williams, 2013). Except Ethiopian names which should be cited in full i.e. the first name followed by father's name e.g. (Amare Assefa, 2014).
2. Two authors: both authors' names and the year of publication e.g. (Williams and David, 2013).
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More than one reference from the same author(s) in the same year must be identified by the letters 'a', 'b', 'c', etc., placed after the year of publication. Examples: 'as demonstrated (Allan, 2000a; Allan, 2000b, Allan, 1999; Allan and Jones, 1999). Kramer *et al.* (2010) have recently shown' According to Berdy (1995), around 11,900 antibiotics had been discovered by 1994

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Journal article

Author (s), year of publication (in parenthesis), title of the article (sentence case), full name of journal (in italic font) , volume (bold), number (in parenthesis), and page numbers in full.

Examples:

Shukla, G.K. (1972). Some statistical aspects of partitioning genotype-environmental components of variability. *Heredity* **29**: 237-245.

Girum Tamire and Seyoum Mengistu (2013). Zooplankton community grazing rates in a small crater Lake: Lake Kuriftu, Ethiopia. *SINET: Ethiopian Journal of Science* **36** (1): 1-18.

Zobel, W.R., Wright, W.J and Gauch (Jr.), J.H. (1988). Statistical analysis of a yield trial. *Agronomy Journal* **80**: 388-393.

For a book

Author (s), year of publication (in parenthesis), title of the book (bold), publisher and place of publication.

Example

Steel, R. G and Torrie, J. H. (1980). **Principles and Procedures of Statistics**. McGraw-Hill, New York.

Pages in a publication prepared by one or more editors

Author (s), year of publication (in parenthesis), title of the publication, name of the publication (bold), pages, Editors (in parenthesis), publisher, place of publication.

Example

Lechevalier, M.P and Lechevalier, H.A. (1980). The chemotaxonomy of Actinomycetes.

In: **Actinomycete Taxonomy, Society for Industrial Microbiology**, pp. 227-291 (Dietz, X. and Thayer, Y., eds.). Arlington, VA.

Proceedings

Author (s), year of publication (in parenthesis), Title of the publication, Name of the proceeding (Bold font), pages, Place (City/town, Country)

Example

Eshetu Derso, Teame Geberzgi and Girma Adugna (2000). Significance of minor diseases of *Coffea arabica* in Ethiopia. In: **Proceedings of the Workshop on Control of Coffee Berry Disease (CBD) in Ethiopia**, pp. 35-46, Addis Ababa, Ethiopia.

For a Thesis

Author (s), year of publication (in parenthesis), title of the thesis, type (MSc or PhD), University, Country.

Example

Alberts, M.J.A. (2004). A comparison of statistical methods to describe genotype x environment interaction and yield stability in multi-location maize trials. M. Sc. Thesis, University of the Free State, South Africa.

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Khan, M.H., Mubeen, S.M., Chaudhry, T.A and Khan S.A. Contact lens use and its compliance for care among healthcare workers in Pakistan. *Indian Journal of Ophthalmology* [Epub ahead of print] [cited 2013 Nov 12]. Available from: <http://www.ijo.in/preprintarticle.asp?id=97552>.

Dorji, D., Dendup, T., Malaty, H.M., Wangchuk, K., Yangzom, D and Richter, D.J. Epidemiology of *Helicobacter pylori* in Bhutan: The role of environment and geographic location. *Helicobacter* 2013, doi: 10.1111/hel.12088 (Accessed September 23, 2013).

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Tables and figures should be of reproducible quality, include comprehensive captions and not duplicate material presented in the text. Tables should bear Arabic numerals and be referred to in the text by their numbers e.g. Table 1. Each table must be typed on a separate sheet and should be placed at the end of the manuscript. Vertical lines should not be used to separate columns; instead extra space should be left between the columns.

Footnotes in tables should be indicated by superscript letters beginning with 'a' in each table. Descriptive material not designated as a footnote may be placed under a table as a NOTE.

All illustrations should be given separately. They should be numbered as figures in sequence with Arabic numerals e.g. Figure 1. Each figure should have a descriptive legend.

All illustrations (tables and figures) must be cited consecutively in the text.

Only International System of Units (SI) is acceptable. Symbols and nomenclatures should conform to international recommendations with respect to specific fields of specialization.

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3. Where available, URLs for the references have been provided.
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