

## INDIAN JOURNAL OF FISHERIES

### Instructions for Authors

The Indian Journal of Fisheries is published quarterly by the Indian Council of Agricultural Research (ICAR), New Delhi. Original contributions in the field of fish and fisheries science will be considered for publication in the Journal. The material submitted must be unpublished and not under consideration for publication elsewhere.

Papers based on research which kills or damages any species, regarded as threatened/ endangered as per IUCN criteria or is as such listed in the Red Data Book appropriate to the geographic area concerned, will not be accepted by the Journal, unless the work has clear conservation objectives.

#### Types of contribution

*Original Research Papers* : should be scientific reports of original research and should not exceed 10 -12 typed pages of A4 size paper.

*Short Research Notes* : should be short and of narrower scientific focus. These should be without headed sections/ subheadings and should not exceed 4 – 5 typed pages.

*Review Articles*: should be concise (about 10 typed pages), creative and on subjects of topical relevance and new research initiatives.

**Preparation of manuscripts**: all sections of the typescript should be on one side of A4 size paper, double-spaced and with sufficient margins. All pages should be numbered.

**Title page**: should bear the title of the paper, name(s) and complete postal address(es) of affiliations of author(s), telephone, fax numbers and E-mail address of the corresponding author, present address(es) of author(s) if applicable. A concise running title of not more than 40 characters inclusive of spaces should also be given in this page.

Full papers should generally be arranged in the following sequence: *Abstract, Key words, Introduction, Materials and methods, Results and discussion, Acknowledgements, References, Figure legends, Tables, Figures.*

**ABSTRACT**: should be clear, concise and summarise only the significant findings of the paper (not exceeding 150 - 200 words).

**Keywords**: immediately after the abstract, provide a maximum of 4 - 6 keywords to aid indexing.

**Main text**: should be in single-column format. Keep the layout of the text as simple as possible. Titles and subtitles should not run within the text. They should be

typed in a separate line. Use bold face, lower-case letter type for titles and non-bold, italic letter type for subtitles.

*Abbreviations*: non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract and also in the main text. Ensure consistency of abbreviations throughout the article.

*Scientific names*: complete scientific names are required in italics for species names which are written in full the first time they appear in the text, *e.g., Epinephelus tauvina* (Forsskal), but abbreviated at subsequent mention (*e.g., E. tauvina*).

**Introduction**: should be brief and limited to the statement of the problem or the aim of the experiment. The review of literature should be pertinent to the problem.

**Materials and methods**: relevant details including the experimental design and the techniques employed should be included. Where the protocols are well established, citation of the standard reference will suffice. The statistical methods used should be clearly stated.

**Results and discussion**: should preferably be combined and may contain subheadings. The results should be supported by brief but adequate tables/illustrations.

*Tables*: should be self-explanatory and include only essential data. Each table should be typewritten on a separate sheet; should be numbered in Arabic numerals (Table 1, 2, *etc.*) according to their sequence in the text and should have a brief and self-explanatory title. Column headings should be brief, but sufficiently explanatory. Standard abbreviations of units of measurement should be added between parentheses in the column headings. Vertical lines should not be used to separate columns. Any explanation essential to the understanding of the table should be given as a footnote at the bottom of the table. Footnotes to tables should be indicated by superscripts.

*Illustrations* : all graphs, drawings and photographs are considered as figures and should be sequentially numbered using Arabic numerals (Fig. 1, 2, *etc.*), in order of their mention in the text. A fully descriptive legend should be provided for every figure and the complete list of legends typed together on a separate page. All relevant information, *e.g., keys to the symbols and formulae*, should be included in the legend. In the case of photographs and photomicrographs, magnification and the stains used should be included in the legend.

Information in tables should not be duplicated in figures, and *vice versa*. Tables should not be embedded in the text file in picture format. A separate file should be supplied for illustrations: line artwork (vector graphics) should be saved as Encapsulated Post Script (EPS) files and photographic images as Tagged Image Format (TIFF).

**Units:** System International (SI) units should be used.

**Statistics:** statistics should be presented with name of test and probability level ( $p > 0.05$ ,  $p < 0.05$ ,  $p < 0.01$  and  $p < 0.001$ ).

**References:** all publications cited in the text should be presented in the list of references. For text citations, use Haward system *i.e.*, refer to the author's name (without initial) and year of publication. For two authors, use names of both the authors and the year. If reference is made in the text to a publication written by more than two authors, the name of the first author should be used followed by "*et al.*" and the year. Where more than one reference is cited in the text, these should be in chronological order, *e.g.* Smith, 1975; Arnold, 1981; Jones, 1988.

In the list of references, names of first author and all co-authors should be mentioned. The list of references should be arranged alphabetically by authors' names, and chronologically per author. If an author's name in the list is also mentioned with co-authors, the following order should be used : publications of the single author, arranged according to publication dates - publications of the same author with one co-author - publications of the author with more than one co-author. Publications by the same author(s) in the same year should be listed as 1994a, 1994b, *etc.*

*Use the following system for listing the references :*

*For periodicals:*

Titles of periodicals mentioned in the list of references should be abbreviated following ISO 4 standard.

Talikhedkar, P. M., Mane, U. M. and Nagabushanam, R. 1978. Growth rate of the wedge clam, *Donax cuneatus* at Miriya Bay, Ratnagiri. *Indian J. Fish.*, 23 (1&2) : 183-193.

*For books:*

Gaugh, Jr., H. G. 1992. *Statistical analysis of regional yield trials*. Elsevier, Amsterdam, 278 pp.

Shigueno, K. 1992. Shrimp culture industry in Japan. In: Fast, A. W. and Lester, L. J. (Eds.), *Marine shrimp culture: principles and practices*. Elsevier, Amsterdam, p. 641-652.

*For edited symposia/special issues:*

Benzie, J. A. H., Ballment, E. and Frusher, S. 1993. Genetic structure of *Penaeus monodon* in Australia: concordant results from mtDNA and allozymes. In: Gall, G. A. E. and Chen, H. (Eds.), *Proceedings of the fourth international symposium on genetics in aquaculture*, 29 April - 3 May 1991. Wuhan, China, p. 89-93.

*Technical papers/reports :*

Thakur, N. K. 1987. Breeding and culture of *Clarias batrachus* for industrial production. *Report of U.S. aid training Programme on freshwater aquaculture*. CIFA, Bhubaneswar, India, p. 146-156.

In the case of publications in any language other than English, the original title is to be retained. Papers accepted for publication but not yet published should be referred to as "in press". References concerning unpublished data and "personal communications" should not be cited in the reference list but may be mentioned in the text.

**Submission of manuscripts:** authors are requested to submit/send concise, clearly written and well-organized papers that follow the Journal's style and format for consideration, to the Editor. The hard copy of the manuscript should be submitted in duplicate, including illustrations and tables along with a soft copy, preferably in CD.

**Acceptance of papers:** manuscripts inappropriate for the Journal or in obvious non-compliance with guidelines for manuscript preparation shall be returned to the author without further review. If the paper appears appropriate for the Journal, copies of the manuscript will be sent to two or more experts in the relevant discipline for critical review. Based on the comments of the reviewers, the paper may be accepted/rejected or accepted with revision.

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