

# INDIAN JOURNAL OF GEO MARINE SCIENCES

## Instructions to Authors

*Submit your manuscript in soft copy to [ijmscsir@gmail.com](mailto:ijmscsir@gmail.com)*

### SCOPE

The Indian Journal of Geo Marine Sciences, issued monthly, is devoted to the publication of communications relating to various facets of research in (i) Marine sciences including marine engineering and marine pollution; (ii) Climate change & (iii) Geosciences i.e. geology, geography and geophysics. IJMS is a multidisciplinary journal in marine sciences and geosciences. Therefore, research and review papers and book reviews of general significance to marine sciences and geosciences which are written clearly and well organized will be given preference.

### NATURE OF MANUSCRIPT

General articles, review articles, opinions, correspondences, research articles, research news, news, meeting reports, historical commentaries and historical comments/notes and book reviews are the categories of manuscripts to be submitted to IJMS.

**General articles** [about 5000 words, very essential figures, tables, display items] discuss current trends in research in marine sciences and geosciences that would be of interest to readers outside the field. The articles should include an abstract, introductory paragraph, brief subheads at appropriate places, illustrations that will help a general reader and references.

**Review articles** [not exceeding 5000 words] survey and discuss the current developments in field related to marine sciences and geosciences.

**Opinion articles** [less than 800 words] present views on issues related to marine sciences and geosciences and activities related to marine sciences and geosciences.

**Correspondence** [less than 1000 words and essential display items] serves to rapidly communicate important new findings. Contributions dealing with technical advances or advances in instrumentation will be published as **Technical notes**.

**Research News articles** [not exceeding 2000 words and essential items] are intended to inform non-specialists about recently published advances or important findings.

**News** [not exceeding 800 words] can cover important scientific events or any other news of interest to scientists working in marine sciences and geosciences in general.

**Meeting reports** [less than 800 words] deal with highlights/technical contents of a conference/symposium/discussion-meeting, etc. conveying readers the significance of important advances.

**Historical commentary/notes** [limited to about 2000 words] inform readers about interesting aspects of personalities or institutions of marine sciences, about watershed events in the history/development of marine sciences and geosciences

Illustrations and photographs are welcome.

### SUBMISSION OF MANUSCRIPT

Manuscripts can be submitted as an attachment with the email at [ijmscsir@gmail.com](mailto:ijmscsir@gmail.com) or [ijms@niscair.res.in](mailto:ijms@niscair.res.in). Submission of a manuscript to this journal implies that it is not under consideration for publication elsewhere.

It is mandatory on the part of the corresponding author to furnish the following certificate at the time of submission of the manuscript [required to be submitted through Head of Dept/Inst on official letterhead], which may be submitted as scanned copy attachment.

*This is to certify that the reported work in the paper entitled "....." submitted for publication is an original one and has not been submitted for publication elsewhere. I/we further certify that proper citations to the previously reported work have been given and no data/table/figure has been quoted verbatim from other publications without giving due acknowledgement and without the permission of the author(s). The consent of all the authors of this paper has been obtained for submitting the paper to the "Indian Journal of Geo Marine Sciences".*

*Signatures and names of all the authors*

In case, any attempt of plagiarism is brought to our attention accompanied with convincing evidence, following steps would be taken:

- After consulting the respective Editorial Board Members, authors guilty of plagiarism will be debarred from publishing their papers in NISCAIR journals.
- Heads of the Departments/Institutes of the offending authors will be intimated of such incidents of plagiarism.
- Such incidents of plagiarism will be publicized through the concerned NISCAIR journals in consultation with the respective Editorial Board Members

Author (Corresponding) may provide names of two Indian and two active foreign researchers of repute along with their complete postal and email addresses, who could be the possible reviewers for the type of work presented in the article.

## PREPARATION OF MANUSCRIPT

**General Style:** Manuscripts should be presented as concise form as possible, and times new roman, 11 font size, typewritten in double space. The matter should be arranged in the following order: title, name(s) of author(s), department(s) and institution(s); abstract; keywords; introduction; materials and methods; results; discussion; acknowledgement; references and appendix. Tables and captions for figures should be typed on separate pages. Figures can be inserted at the end of the text, one figure per page. Figures may also be send as an attachment along with manuscript (zip file).

Symbols, units and nomenclature as recommended by the International Association for the Physical Sciences of the Ocean should be used [*The international system of units (SI) in oceanography: Unesco technical papers in marine sciences, no. 45, IAPSO Publication Scientifique no. 32.*]

Special attention should be given to the mathematical portions of the paper. Equations must have variable parameters in *italics* and the constants in roman. Superscripts, subscripts, capital and small letters as well as letters or symbols likely to be confused one for the other should be clearly distinguished.

**Title:** The title should be such as to be useful in indexing and information retrieval. If a paper forms part of a series, a subtitle indicating the aspects of the work covered in the paper should be provided. If the title is long, a short title suitable for use as running title should be supplied.

**Abstract:** The abstract, usually not exceeding 150 words should indicate the scope and significant content of the paper, highlighting the principal findings and conclusions. It should be in such a form that abstracting periodicals can use it without modification.

**Keywords:** Authors must provide 4 to 6 keywords, separated by comma and these should be chosen carefully.

**Introduction:** The introductory part should bear no heading, be brief and state precisely the scope of the paper. Reviewing of the literature should not exceed what is necessary to indicate the reason for the research undertaken and the essential background.

**Materials and Methods:** The nomenclature, the source of materials and the procedures should be clearly stated to enable other workers to repeat the work, if necessary. New methods should be described in sufficient detail, but if the methods are already well recognized, a mere reference to them will do; deviation, if any, should, however, be given.

**Results:** Only such data as are essential for understanding discussion and main conclusions emerging from the study should be included. The data should be arranged in a unified and coherent sequence so that the report is

developed clearly and logically. The same data should not be presented both in tabular and graphic forms. Only such tables and figures as are necessary should be given. Interpretation of the data should be taken up under discussion; in some cases, however, it may be desirable to combine results and discussion in a single section.

**Discussion:** Long, rambling discussions should be scrupulously avoided. The discussion should deal with the interpretation of results without repeating information already presented under results. It should relate the new findings to the known, and include logical deductions.

**Conclusion:** The conclusion should be limited to 100 words, highlighting the principal findings and results. It should explain the significance of the results.

**Acknowledgement:** Acknowledgements should be brief and for specific assistance only.

**References:** References to literature, numbered consecutively, should be placed at the end of the paper. In the text, they should be indicated by numbers placed above the line (superior).

In citing references to research papers, names and initials of authors should be followed, in order, by the title of the paper, title of the periodical in the abbreviated form (*in italics*), the volume number, the year within circular brackets and the page numbers [e.g. Qasim, S.Z., Biological productivity of the Indian Ocean, *Indian J. Mar. Sci.*, 6(1977) 122-137]. For names of periodicals, the standard abbreviations listed in the International Serials Catalogue (ICSU-AB) should be used. If a paper has been accepted for publication, the names and initials of the authors, paper title and the journal should be given followed by the words "in press" within circular brackets.

Reference to a book should include, in the following order, names and initials of authors, the title of the book (*in italics*), name of publisher and place of publication within circular brackets, year and the pages [e.g. Sverdrup H U, Johnson M W & Fleming R H, *The oceans*, (Prentice-Hall Inc., New Jersey) 1955, pp. 1087]. If the reference is to the work of an author published in a book by a different author or edited by a different person, the fact that it is cited from the source book (*in italics*) should be clearly indicated. [Azam F & Smith D C, Bacterial influence on the variability in the ocean's biogeochemical state: A mechanistic view, in: *Particle analysis in oceanography*, edited by S. Demers, (Springer-Verlag, Berlin) 1991, pp. 213-216].

Proceedings of conferences, symposia and collected reprints should be treated in the same manner as books. Reference to a paper presented at a conference, the proceedings of which are not published, should include, in the following order, names and initials of authors, title of the paper (*in italics*), name of the conference, place where the conference was held and date (e.g. Sastry L S, The salinity minimum in the Arabian Sea, paper presented at the *Symposium on Indian Ocean and Adjacent Seas-Their Origin, Science and Resources*, Cochin, 1971).

Reference to a thesis, technical reports should include the name of the author, title of the thesis (*in italics*), university or institution to which it was submitted and year of submission [e.g. Naqvi, S.W., *Relationships between nutrients and dissolved oxygen and nitrate reduction in the Arabian Sea*, Ph.D. thesis, University of Poona, India, 1986].

Reference to a patent should include names of patentees, country of origin (*in italics*) and patent number, the organization to which the patent has been assigned within circular brackets, date of acceptance of the patent and reference to an abstracting periodical where available [e.g. Trepagnier J H, *US Pat.* 2,463,219 (to E.I. du Pont de Nemours & Co.). 1 March 1949, *Chem Abstr.* **43** (1949) 7258].

Reference to website should include the name of the organisation, title of the topic followed by website and year of updation of the information quoted from the website.

Even if a reference contains more than two authors, the names of all the authors should be given. The abbreviations *et al.*, *idem* and *ibid* should be avoided.

Unpublished papers and personal communications should also be included in the references [e.g. Pande A.B, unpublished work/data); (Pande A B; personal communication).

**Tables:** Tables should be typed on separate sheets of paper without any text matter on the page. They should be numbered consecutively in Arabic numerals and should bear brief titles. Column headings should be brief. Units of measurement should be abbreviated and placed below the headings. Negative result should be indicated as 'Nil' and absence of a datum by a dash. Inclusion of structural formulae inside the tables should be avoided. Tables should be set in Microsoft Word using the Table option available in the Menu Toolbar (i.e. by inserting table, inserting rows and columns). The columns and rows should not be bordered.

**Illustrations:** Illustrations must be numbered consecutively in Arabic numerals. Captions and legends to the figures should be self-explanatory and should be typed on a

separate sheet of paper and attached at the end of the manuscript. Submission of soft copies of illustrations is encouraged (doc/bmp/jpeg/tiff files). Figure can be inserted in single pages (one figure in one page) at the end of the text. Figures may be also send as an attachment along with the manuscript or as zip file.

For satisfactory reproduction, the graphs and line drawings should be drawn to approximately twice the printed size. The size of letters, numbers, dots, lines, etc. should be sufficiently large to permit reduction to the page or the column size, as required in the journal, without loss of details. In the case of photographs, prints must be on glossy paper and must show good contrast. If an illustration is taken from another publication, reference to the source should be given and prior permission be secured. Illustrations should be protected by thick cardboard packing against damage during transit. Illustrations should be referred to in the text by numbers. *It will be authors' responsibility to get the maps of India or parts thereof, approved by the appropriate authorities.*

Whenever a Table or an Illustration is reproduced as such from a published source, author(s) must obtain prior permission from the Publisher/Author to avoid 'copyright' problems. Obtaining the permission is entirely the responsibility of the author and not that of the editorial office of IJMS.

**Footnotes:** Footnotes should be avoided as far as possible. Essential footnotes may, however, be indicated by superscribed reference marks (\*, †, ‡, δ).

**Identification:** It is particularly important that the authors get their biological material authentically identified and quote at least once, on its first citation in the paper, the technical name of the species concerned in full preceded by its popular name where possible, e.g. The shrimp *Metapenaeus monoceros* (Fabr).

**Cover photographs:** Figures and photographs of high quality, of a submitted paper will be considered for use on the cover. Good prints and a legend should be submitted with the manuscript. A transparency or slide may be required for printing, if accepted.