

JOURNAL OF OCEAN AND SHIP TECHNOLOGY

About the Journal

There has been an increasing demand and surge in shipping and offshore industry worldwide in recent years. As a result opportunities in this profession are highly demanding; hence cutting edge technology to cope up with these demands in future becomes an essential pre-requisite. The growth of industry depends on the ability to upgrade its knowledge base through research and operations in tune with technological advancements.

Department of Ocean Engineering & Naval Architecture at IIT Kharagpur since its inception in 1952 had made giant strides in imparting the best technical education in this country. In this past five decades significant contributions were made by the faculty to the development of shipbuilding industry, Indian Navy and allied offshore industry. The alumni of this department are responsible for important and strategic links with worldwide universities and major shipyards.

Rapid expansion in sectors of ocean and ship technology is imperative for national growth. Understanding the present technological needs and also keeping in mind diversification of this broad area, the inter-disciplinary nature of research contributing to ocean and ship technology is very vital. With the long standing commitment of this Department to industry and academia, half yearly journal entitled JOST (Journal of Ocean and Ship Technology) is launched which is aimed to cooperate with Universities, Industry and Research Laboratories.

Objectives

The broad objectives of JOST are to:

- Create a platform for knowledge sharing and dissemination on latest advances in broad areas of Ship and Ocean Technology.
- Promote synergy between academia and industry.
- Promote awareness in thrust areas of technological advances through strong linkage between scientific community and industry.

Journal Coverage

JOST will publish original articles and technical papers related to the following broad areas:

- Coastal & Ocean Engineering
- Design & Production of Marine Vehicles
- Marine Structures
- Marine Hydrodynamics
- Welding Technology
- Marine Corrosion
- Coastal Hydrodynamics
- Applications of CAD/CAM in Marine Technology
- Marine Environment
- Marine Acoustics
- Ocean Technology
- Port & Harbour Engineering

Students both from graduate and undergraduate levels, working in various research projects, are especially encouraged to submit their research papers in JOST.

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Brief guidelines for authors

1. Papers are invited from authors on the topics mentioned in **Journal Coverage**.
2. **The following guidelines should be adhered to while preparing the Manuscript:**
 - Manuscript should be prepared in English, in MSWORD format with double spacing in double column with **1.0 inch margin on all sides of paper** (standard A4 size) with **12pt Times New Roman font**.
 - Maintain **1.0 inch space** between **columns**.
 - Abstract of the paper should be typed in **single line spacing** in **single column** with **no more than 200 words**.
 - **Soft copy of the manuscript can be submitted to: jost@naval.iitkgp.ernet.in**
 - On submission of manuscript by soft copy, subject name in email should be mentioned as **“Paper Submission for JOST”**.
3. Maximum length of Papers involving technical work should be within **2500 – 3500 words**. Papers involving short

technical communication can be limited to **1500 – 2500 words**.

4. **Structure of the paper:** The structure listed below is recommended in final preparation of the manuscript:

Introduction, background and purpose of the study, review of the work, methodology and procedures used, results and discussion, summary and conclusions, references. Authors are encouraged to use Appendices in Technical papers for detailed explanation where appropriate.

5. The first page of the manuscript should contain the following in same order: (i) **Title of the paper** (14 pt Times New Roman font - bold), (ii) Name(s) of author(s), (iii) Institutional affiliation, full postal address including email address, (iv) Email address of corresponding author, and (v) Abstract not exceeding 200 words.
6. All Sections and Sub-sections should be numbered. Sections can be divided to sub-sections if necessary.
7. Tables and Figures should be typed along with the text. Each Table and Figure should have a number and caption at the top. Figures should be of very good quality and inserted appropriately in the body of the text.
8. All cited References must be at the end of the manuscript in the format given below and in alphabetical order.

Referencing Style

For Journal papers

Adams, T.M., Tang, A.Y.S. and Wiegand, N. (1993). Spatial data models for managing subsurface data. *Journal of Computation in Civil Engineering*, ASCE, 7(3): 260-277.

For Text Books/ Reports

Anderson, M.P. and Woessner, W.W. (1992). *Applied Groundwater Modeling*. Academic Press, San Diego, 381 pp.

For Conference/Symposium Papers

Ayibotele, N.B. (1992). The world's water: Assessing the resource. Proceedings of the International Conference on Water and the Environment: Development Issues for 21st Century, 26-31 January 1992, Dublin, Ireland, pp. 1.1-1.25.

For Chapters in Edited Books

Haan, C.T. and Storm, D.E. (1996). Nonpoint Source Pollution Modeling with GIS. In: V.P.

Singh and M. Fiorentino (editors), Geographical Information Systems in Hydrology, Kluwer Academic Publishers, Dordrecht, the Netherlands, pp. 323-338.

For Internet Articles

IPCC (2001). Third Assessment Report --- Climate Change 2001. Intergovernmental Panel on Climate Change, <http://www.ipcc.ch> (accessed on June 15, 2003).

Journal website

For more details on JOST, visit:

<http://naval.iitkgp.ernet.in/>

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