

Founded: 1972

ISSN: 2582-6727

CODEN: IJMNB

INDIAN JOURNAL OF GEO MARINE SCIENCES

Volume 53 Number 05

MAY 2024

CONTENTS

Review Articles

- Navigating the future: Advancing fisheries predictions with a front-to-fish approach 261
 D M Lal, Harisha, N Nagaswetha, A Samanta, S K Baliarsingh, C Sathish, R Premkumar, S Jha, S Raulo, S Joseph, T M B Nair, M N Kumar, D Shenoy & A K Warriar
- Advancing marine ecological services for the Indian Seas: INCOIS's contribution 276
 S K Baliarsingh, A Samanta, D M Lal, P C Mohanty, S Raulo, S Giri, B Dash, S Jha, C Sathish, R Premkumar, Harisha, S Joseph, T M Balakrishnan Nair & T Srinivasa Kumar
- Transforming Sri Lanka's Maritime Future with UDA Framework 294
 Arnab Das

Research Articles

- Oblique wave interaction with pile-restrained dual H-shaped breakwater 299
 A Panda, D Karmakar & M Rao
- Structural design and analysis of a wave energy-based navigational buoy 310
 A Majumdar, A Vishwanath & P Jalihal
- Spatial modelling of seaweed farming potential areas in Chengalpattu district using a Fuzzy AHP-GIS framework 322
 N R Raja, N R Peter, J Rengarajan, A Radhakrishnan, A K Saravanan, A Kondusamy & B Changaramkumarath Paran
- Physical parameters-driven models for predicting shrimp growth in aquaculture 338
 S Nemani, S Prabhuraman & A Das
- Unravelling the dynamics of Indian mackerel abundance in the Malabar upwelling region: A comprehensive analysis of oceanographic influences using GLM, GAM, and BRT models 353
 S Jha, N Jeevanand, S Joseph & T M B Nair

Assessment of occupational hazards among small-scale motorised fishers in the southernmost coasts of India M Sabu, S Parappurathu & V P Preethi	362
Upper ocean response to tropical storm Biparjoy in the Arabian Sea based on moored buoy observations P K Kar, K J Joseph, C A Prasad, R Janani, V M Mathew, M Kalyani & M A Muthiah	374
Modelling ocean diurnal cycle and its scale interaction to longer scale climatic variabilities M Pradhan, S A Rao & A Bhattacharya	384
Configurations of tracked vehicle for development of subsea mining machines with improved mobility on soft soil C Janarthanan, R Muruganandhan, K Gopkumar & G A Ramadass	398
High incidence of vanadium and copper in the titanomagnetite and ilmenite samples off Ratnagiri, Maharashtra, India P V Sajesh, L G Sarath, B Gopakumar, B K Jishnu & A K Yadav	409
<i>Short Communications</i>	
Instrumentation system for parametric data collection of OTEC using deep sea moored surface buoy B Pattanaik, T Sailesh, A Praneeth, Y V Narasimha Rao, P Kumar Sai Arun, A Vishwanath & P Jalihal	418
INSTRUCTIONS TO AUTHORS	424