

Founded: 1972

ISSN: 0379-5136
CODEN: IJMNB**INDIAN JOURNAL OF GEO MARINE SCIENCES**

Volume 48 Number 03

MARCH 2019

CONTENTS**Review Articles**

- Ammonia toxicity and adaptive response in marine fishes – A review 273
D. Antony Franklin, & Loveson L. Edward

Technical Note

- Changes in sediment texture by turtle mass nesting at Rushikulya rookery 280
U.K. Pradhan, P.K. Mohanty, P. Mishra, B. Behera, & R.K Sahoo

Research Articles

- First record of *Muraenichthys gymnopterus* (Ophichthidae: Myrophinae) from east coast of India, 283
Bay of Bengal
Anil Mohapatra, Dipanjan Ray, & Subhrendu Sekhar Mishra
- Mutualistic interactions of polychaete, barnacles, mollusca and sea anemone 286
with hermit crab
S. Balakrishnan, P. Santhanam, Prasad Chandra Tudu, J.S. Yogesh Kumar, & Anil Mohapatra
- Genetic diversity and latency status of betanodavirus in wild seeds of Asian seabass *Lates calcarifer* 288
(Bloch) sampled along Indian coasts
Husne Banu, Sabyasachi Pattanayak, Jitendra Kumar Sundaray, & P.K. Sahoo
- New record of Marine tube dwelling diatoms *Navicula mollis* and *Navicula rusticensis* from 294
South Andaman, India
C.C. Manjumol, C. Linoy Libini, V. Kripa, & K.S. Mohamed
- A new record of a rare species *Masturus lanceolatus* (Point-tail sunfish) from Chennai coastal waters, 297
Southeast India
C. Babu., K. Silambarasan., A. Anrose., & L. Ramalingam.

- Morphological discrimination of female specimens of *Pseudodiaptomus annandalei* from Cochin estuary and Corbyn's Cove Creek, India 302
K.S. Santu & S. Bijoy Nandan
- Food and feeding habits of oil sardine *Sardinella longiceps* from Ratnagiri coast off Maharashtra India 309
Tasaduq H. Shah, S.K. Chakraborty, Tarkeshwar Kumar, R.K. Sadawarte, & K.M. Sandhya
- Hydrographic, seasonal diversity, distribution and abundance of phytoplankton in coastal waters off Cochin - south-eastern Arabian Sea 319
Soumya Krishnankutty, C. Ajith Joseph, P.D. Vincent, T. Jabir, P.S. Vishnu, A.V. Saramma, & A.A. Mohamed Hatha
- Coral bleaching due to increased sea surface temperature in Gulf of Kachchh region, India during June 2016 327
Mohit Arora, Nandini Ray Chaudhury, Ashwin Gujrati, R.D. Kamboj, Devanshi Joshi, Harshad Patel, & Rakesh Patel
- A report on rare occurrence of a mushroom coral, *Cycloseris cyclolites* (Lamarck, 1801) in Gulf of Mannar, India 333
J.S. Yogesh Kumar, C. Venkatraman, S. Geetha, & R. Sornaraj
- First record of invasive green algae *Caulerpa racemosa* var. *cylindracea* in Oran Bay (Western Alegria) 335
Hussein Kais Boumediene & Bensahla Talet Lotfi
- Two new records of *Dendronephthya* octocorals (Family: Nephtheidae) from Andaman and Nicobar islands, India 343
J.S. Yogesh Kumar, S. Geetha, C. Raghunathan, & R. Sornaraj
- Effects of diurnal fluctuation of temperature on growth, photosynthetic activity response of two morphotypes cells of *Emiliania huxleyi* 349
Miriam Lorene Martins Brito, Wang Qiao Han, Gong Qing Li
- IJMS Search (Prediction of underwater acoustic signals) based on ESMD and ELM 357
Guohui Li, Siliang Wang, & Hong Yang
- Thresholding technique for flood extent mapping using dual polarization ENVISAT ASAR data 363
P. Gopi, Kiran Yarrakula, & Y.R.S. Rao
- Spatial variability of biochemical composition in coral reef sediments of Kavaratti and Pitti islands, Lakshadweep archipelago 369
Anu Joy, P. P. Anoop, R. Rajesh, Angel Mathew, & Anu Gopinath
- Clay mineralogy and chemistry of mudflat core sediments from Sharavathi and Gurupur estuaries: Source and processes 379
Maheshwar R. Nasnodkar & Ganapati N. Nayak

The microstructure characteristic of cohesive soil in inner shelf of the East China Sea and its engineering implication Yuanqin Xu, Ping Li, Peiying Li, Jun Du, Lejun Liu, Wei Gao, & Jie Liu	389
Supply chain integration through ship routing optimization among BRICS by using meta-heuristic technique Pravendra Tyagi & G. Agarwal	397
INSTRUCTION TO AUTHORS	403