

# INDIAN JOURNAL OF GEO-MARINE SCIENCES

Volume 43 Number 3

March 2014

## CONTENTS

---

### OPINION ARTICLE

- 323 Distribution of copper in the coastal waters of Kalpakkam and comment on "Distribution of heavy metals in the vicinity of a nuclear power plant, east coast of India: with emphasis on copper concentration and primary productivity" published in Indian Journal of Marine Sciences (2010), Volume 39 (Issue 2) by Rajamohan *et al.* (2010): K K Satpathy & S Biswas

### RESEARCH ARTICLES

- 329 Evaluation of salt-section and interpretation of wells in the Kashagan field, Southern part of Pre-Caspian depression, Kazakhstan: Akhmedzhanov T K, A S Abd Elmaksoud, Baiseit D. K & Igembaev I B
- 337 High resolution satellite gravity over a part of the Sir Creek offshore on west northwest margin of the Indian subcontinent: T J Majumdar & R Bhattacharyya
- 340 Occurrence and seasonal variation in distribution of fecal indicator bacteria in Tapi estuary along the West coast of India: Sunil Borade, Rutuja Dhawde, Ayushi Maloo, Gajbhiye S N & Syed G Dastager
- 348 Distribution, abundance and diversity of phytoplankton in the inshore waters of Nizampatnam, South East coast of India: Pandiyarajan R S, Prachi S Shenai-Tirodkar, M Ayajuddin & Z A Ansari
- 357 Distribution of phytoplankton along an environmental gradient off Kakinada, East Coast of India: M. Ayajuddin, Pandiyarajan, R. S. & Z. A. Ansari
- 365 Dinoflagellate [cyst] [S1] as signals for eutrophication in the eastern harbour of Alexandria-Egypt: Ismael A, El-Masry E & Khadr A
- 372 Chelation technique for the removal of heavy metals (As, Pb, Cd and Ni) from green mussel, *Perna viridis*: I Wan Azelee, R Ismail, R Ali & W A W A Abu Bakar
- 377 Blue swimming crab, *Portunus pelagicus* (Linnaeus, 1758) as monitors of mercury contamination from Persian Gulf, South Iran: Mehdi Hosseini, Seyed Mohammad Bagher Nabavi, Fazel Abdolapur Monikh & Sadegh Peery

- 384 Gastropod resource distribution and seasonal variation in trawling grounds off Konkan Malabar region, eastern Arabian sea: Sujitha Thomas, A.P. Dineshababu, & Geetha Sasikumar
- 393 Quantification of toxic effects of the organochlorine insecticide endosulfan on marine green algae, diatom and dinoflagellate: Vinitha Ebenezer & Jang-Seu Ki
- 400 Seasonal variability of mixed layer depth (MLD) in the Bay of Bengal: Mohammad Muslem Uddin, Md. Zahedur Rahman Chowdhury, Sabbir Ahammed & Shyamal Chandra Basak
- 408 First distributional record of the giraffe seahorse, *Hippocampus camelopardalis* Bianconi 1854 (Family: Syngnathidae) from Gulf of Kachchh waters, North west coast of India: S. Subburaman, A. Murugan, S. Goutham, Rahul Kaul, P.V.R. Prem Jothi & T. Balasubramanian
- 412 Isolation and characterization of salt stable protease producing archaea from marine solar saltern of Mulund, Mumbai: Anupama P. Pathak & Aparna G. Sardar
- 418 Fishery, reproductive biology and diet characteristics of Bombay duck *Harpadon nehereus* from the Saurashtra coast: Shubhadeep Ghosh
- 427 Age and growth studies on white-spotted rabbitfish *Siganus canaliculatus* (Park), from the Gulf of Mannar region South India: M. Anand & P. Sita Rami Reddy
- 434 Crustacean hyperglycemic hormone family Neurohormones: A prevailing tool to decipher the physiology of crustaceans: Sajal Shrivastava & S. Adline Princy
- 441 **INSTRUCTION TO AUTHORS**