

Bibliography

Bibliography

Ajit Kumar T.T. and Kannan. L., 1999, "Plankton larval ecology of the Vellar ,estuary , Southeast coast of India", *Ad. Bios*, 18(2): 69 - 78.

Alistair W and McCrone., 1966, "The Hudson River Estuary: Hydrology, Sediments and Pollution" , *Geographical Review*, Vol. 56, No. 2, pp. 175-189.

Alongi .D.M, Boto G and Robertson, 1992 "Nitrogen and Phosphorus cycle in Mangrove ecosystem, American Geophysical union, Washington, 251-292.

Anilkumar. N. C., Revichandran V.N., Sankaranarayanan and Josanto. V., 1998, "Residual fluxes of water, salt and suspended sediment in the Beypore estuary", *Indian J. Mar. Sci*, 27(2): 157 - 162.

Anilkumar. N., V.N. Sankaranarayanan and V. Josanto., 1999, "Studies on mixing of the waters of different salinity gradients using Richardson number and the suspended sediment distribution in the Beypore estuary, southwest coast of India" , *Indian J. Mar. Sci*, 28: 29 -34.

Ansari, Z.A., 1987, "Impact of marine pollution on living resources - case studies on the effect of mining activity and organic enrichment of benthic fauna" In: Proc.Interde partmental Sem. Status of Marine Pollution in India, Department of Ocean Development, New Delhi, 166 pp.

Ansari. Z.A. and Parulekar A.H., 1993, "Distribution, abundance and ecology of the meiofauna in a tropical estuary along the west coast of India", *Hydrobiology*, 262(2), 115 - 126.

APHA, 2001, "Standard Methods for the Examination of Water, and Wastewater", 20th. Washington DC.

Balachand. A.N., Nair S.M. and. Nambisan P.N.K., 1990, "A survey of the protein content in estuarine waters" *Toxic and Environ. Chem.*, 27: 285 - 296.

Balasubrahmanyam. K. and Natarajan. R., 1987, "Distribution of *Meretrix casta* (Chemnitz) in Vellar estuary", *J. Mar. biol. Ass. India*, 29(1-2): 144 - 147.

Balsubramania.R and Kannan. R., 2005, "Physico-chemical characteristics of the coral reef environs of the Gulf of Manner Biosphere reserve, India", Center of advanced study in marine biology, Anamalai university, Tamilnadu, *Journal of ecology and environmental science* 31(3) ,265-271.

Bandyopadhyay B.K and Datta N.C., 1988, "Seasonal abundance of benthic macro invertebrate communities in a brackish water impoundment of Hooghly", *IJMS*, 12.

Benny P.J. and Muraleedhara Kurup., 1991, "L-asparaginase activity in bacteria from estuarine sediments and mollusk", *Indian J. Mar. Sci*, 20: 36 - 39.

Bhat B.V. and Gupta T.R.C., 1987, "Zooplankton distribution in Nethravati Gurupur estuary, Mangalore", *Indian J. Mar Sci*, 12(1): 36 - 42.

Bhattacharya. A., 1988, "Intertidal depositional characters of the Hooghly tidal islands, West Bengal", *Indian J. Geol*, 60(3): 153 - 164.

Bhaumik, U. and S.K. Saha., 1994, "Perspectives on socio-economic status of the fishermen engaged in fishing in the estuaries of Sunder bans", *Environ. Ecol.*, 12(1): 181 - 185.

Billen . G, Garnier. J and Ficht .A., 2001, "Modeling the response of water quality in the Seine river estuary to human activity in its watershed over the last 50 year", *Estuarine research fed*, France, 977-983.

Brajesh K., Shrivastava and Alam masood., 2007, Env Chemistry Div, Faculty of Engineering and Technology, Jamia millia, New Delhi, *Nature Env Pollution Technology*, Vol 6, No 4, 609-613.

Burton J. D, 2007, "Physico-chemical limitation in experimental investigation", Dept of Oceanography, University of Southampton, U.K, *J.Royal Soc*, London, 443-459.

Chattopadhyay P and Kushari D.P., 2003, "Study On Physicochemical Characteristics Of 5 Water Bodies enriched with Runoff From Different Sources in a Laterite Zone of West Bengal", University of Burdwan, Burdwan, *Indian Journal of Environmental Protection* (11), 1230-1238.

Cherian P.V., 1963., "Studies on The Salinity And Temperature Variations in the port of Cochin" , marine Organism Scheme(Forest research Institute), Cochin, *Journal of T.D and P.A*, Vol (9), 7-17.

Chabrie O, Poudevigre, and Burea E., 2001, "Biodiversity and ecosystem, function in wetland, a case study in the estuaries of Seine river France, *Estuaries research Fed*, 1088-1096.

Chavan R. P, Lokhande R.S and Rajput. S.I., 2005, "Monitoring of organic pollutants in Thane creek water.", Dept of Chemistry, Dnyaneshwar college, Thane, *Nat .Env.and Pollu. Tech*, (4), 633-636.

Chester, R and Stoner J.H, 1972, "Concentration of suspended particulate matter in surface sea water, *Nature*, London, 542-553.

Daiber. F.C., and Beattie C.W, 1969, "Hydrographic and biological parameters of the Broadkill river", University Delaware, water resource center, 58.

Daniel, A., 1987, "Estuarine animals and their adaptations", *J. mar. Biol. Ass. India*, 29(1-2): 351 - 353.

Das. J., Das S.N and R.K. Sahoo., 1997, "Semidiurnal variations of some physicochemical parameters in the Mahanadi estuary", *Mahasagar*, 10(9) 50-59.

De Sousa, S.N. and R.Sen Gupta., 1988, "Distribution and behavior of fluoride in Mondvi and Zuari estuaries", Central west coast of India, *Indian J. Mar. Sci*, 17(3): 195 - 201.

DeSousa S.N. and Sen Gupta R., 1986, "Variations of dissolved oxygen in Mandovi and Zuari estuaries", *Indian J. Mar. Sci*, 15(2): 67 - 71.

Eckart H., Schumann and Meryl W Pearce., 1997, "Freshwater Inflow and Estuarine Variability in the Gamtoos Estuary", South Africa Estuaries, Vol. 20, pp. 124-133, estuary, Thiruvananthapuram", *Mahasagar*, 25(1): 1 - 9.

Evans.D, 1977, "Manganese cycling in the Newport river estuary, North Carolina, *Estuarine coastal Sci*, (5) 71-80.

Environmental Information System publication Series, 2002, Tamilnadu India.

Fernando O.J., 1987, "Studies on the intertidal fauna of the Vellar estuary, *J. mar. biol. Ass. India*, 29(1-2): 86 - 103.

Fugare S. H., Deshmukh M. P., Waykar B. B. and Pardeshi B. K., 2004, "Acute toxicity of Chlorides of Zinc, Copper and Mercury to freshwater bivalve, *Parreysia cylindrical* (Annandale and Prashad)", *Nat. Env't. and Poll. Tech.*, 3(2), 147-150.

Gophinathan C.K and Joseph P.S., 1980, "Physical features of near shore waters off Karvar Estuary", National Institute Of Oceanography, Dona Paula 403301, *Indian journal of marine science*, Vol 9 .166-171.

Grassof .K, 2001, "Method of Sea water analysis. Woodhole, Newyork.

Gross.M.G., 1978, "Effect of waste disposal operation in estuaries", Cheaspke Bay Institute, Hopkins University, Maryland, *Earth Planet* ,127-143.

Gupta K., and Sharma A., 2005, "Macro invertebrates as indicator of pollution", *Journal of Env. Bio* 26(2), 205-211.

Hansen D.Vand Rattray, 1966, "Currents and mixing in the Columbia river estuary", *Ocan sci*, Columbia, (2), 943-955.

Iyer Padmanabha., C.S. Sindhu., Manomani and Kulkarni S.G., 2003, "Statistical analysis of the physico-chemical data on the coastal waters of Cochin", Center for Marine Analytical Reference and Standards, Regional Research Laboratory, Thiruvananthapuram-695019, *Journal of environmental monitoring*, (5), 324-327.

Integrated coastal and marine area management project, India, 2001.

James. D.B., 1987, "Diurnal variations in abundance of penaeid prawn postlarvae at Ennore estuary near Madras", *J. mar. biol. Ass*, India, 29(1&2): 250 - 256.

Jerling ,H and Wooldrige, 1994," The mesozooplankton of a freshwater starved estuary" , Fredensborg, Denmark, 301-306.

John.K and Irvin, 2005, "Coastal biodiversity in the Indian Ocean", *IJMS* Vol.34(1) ,11-26.

Kannan. L and Vasantha K., 1986, Distribution of heterotrophic bacteria in Vellar estuary, east coast of India, *Indian J. Mar. Sci.*, 15(4): 267 - 268.

Karthikeyan. S., Vijyalaxmi and Balsubramanian. T., 2004,"Seasonal distribution of physico-chemical parameters from Uppanar estuary (East Coast of India", Anamalai University, *J Aqua Bio* Vol 19(2) 187-190.

Karikar A.Y., Asante K.A., Biney, (1997), "Water quality characteristics at the estuary of Karle lagoon in Ghana ".

Kardege A., and Unlu E., 2002,"Heavy metal concentration in water, sediment fish and some benthic organism for tigris river, Turkey, *Env, Monitor. Acsess*,131, 323-337.

Kaviraj .A and Ghutankurta, 2004, "Heavy metal deposition in some brakish water ponds of sunderban", India during off season of shrimp culture, *Asian fisheries soc*, Manilla, Phillippines, 29-38.

Khan. Morugesan., 2005,"Polychete diversity in Indian estuaries" *IJMS* Vol 34(1) 114-119.

Laluraj C.M., Padma P, Sujatha C.H. Nair S.M., Kumar N.C and Chacko.J., 2002, "Base-line studies on the chemical Constituents of Kayamkulam estuary commissioned NTPC Power Station", Cochin University of Science and Technology, Department of Chemical Oceanography, Cochin, *IJEP*, 721-731.

Lepestur M., 2007, "Importance of public information and perception for managing recreational activities in the peel Harvey estuary, Western Australia, School of Env. Sci, *Journal of Env Management*, Murdoch University, Murdoch Australia.

Lokhande R.S., Thomas Rogi., .Pokale S.S.,1995,"Study of creek water pollution at low tide in some coastal area of shrivardhan", Dept of chemistry, University of Bombay, *IJEP*,9-685-689.

Lokhande P.B., Gawas A.D and Mujawar H.A., 2005, "Study Of Water Quality Parameters of River Water in Konkan Region" Dr.Babasaheb Ambedkar University, Department of Chemical Sciences, Lonere, Raigad-402103, *IJEP* 25(3),212-217.

Maiti. S.K., 2001 "Handbook of methods in environmental studies",*ABD publication*, Jaipur.

Madgwick F., 1999, "Strategies for conservation management of lakes", *Hydrobiologia*, 395-396.

Maruthanayagam C and Subramanian p., 1999, "Hydrological and Zooplankton Biomass Variation in palk Bay and Gulf Of Mannar along the Coast of India" ,Dept of Animal Science, Bhartidasan University, Thruchirappalli, Tamil nadu, *J Mar Biology Ass India*, Vol 41(1&2), 7-18.

Mathur S.P and Maheshwari., 2006, "Physico-chemical Aspect Of Pollution in chambal River", M.D.S. University, Department Of Pure and Applied Chemistry, Ajmer-305009, *IJEP* 25(10), 933-937.

Mishra., Pratibha and Sultana Naheed., 2005, "Water Quality Of Ganga at Kanpur", Acharya Narendra Dev Nagar Nigam Mahila Maha Vidyalaya,P.G and Research Department of Zoology, Kanpur, *IJEP*, Vol (25), 938-940.

Nagarajaiah C S and Gupta T.R.C.,1983, "Physico-chemical Characteristics of Brackish water Ponds along Netravati Estuary",

Mangalore College of Fisheries, University of Agricultural Sciences, Mangalore, *IJMS* Vol(12),81-84.

Nair B.N., 1983, "Physico-chemical features of water & sediment nutrients of Ashtamudi Estuary", Dept of Aquatic Biology and Fisheries, University of Kerala, Trivendrum 695007, *Indian journal of marine science*, Vol 12, 143-150.

Nair Balkrishnan N., Aziz Abdul P.K., Dharamraj K., Arunchalam M., Krishna kumar and Balsubramanian N.K., 1983, "Ecology Of Indian Estuaries Part I Physico-chemical Features of Water and Sediment Nutrients Of Ashtamudi Estuary", Dept Of aquatic biology and fisheries, University of Kerala, Trivendrum, *IJMS* Vol (12), 143-150.

Nair, C.K., Balchand A.N and Jacob Chacko.,1993, "Sediment characteristics in relation to changing hydrography of Cochin estuary", *Indian J. Mar. Sci*, 22: 33 - 36.

Nair. C.K. and A.N. Balchand., 1993, "Speciation of trace metals in sediments of a tropical estuary", *Environ. Geol*, 21: 96 - 102.

Nammalwar. P., 1987, "Pollution impact and management of the coastal estuaries around Madras, India", In: N.B. Nair (ed.), Proc. Natl. Sem, Estuarine Management, Trivandrum, 190 - 193.

Natarajan. P., 1989, "External synchronizers of tidal activity rhythms in the prawns", *Penaeus indicus* and *P. monodon*. *Mar. Biol*, 101(3): 347 - 354.

Nayak. G.M., 1996, "Grain size parameters as indicator of sediment movement around river mouth, near Karwar, westcoast of India", *Indian J. Mar. Sci*, 25(4): 346 - 348.

Nigam., 1988, "Influence of Estuaries on shelf Foraminiferan species",

Niranjana G and Mulik., 1991, "The Mangroves and Water Pollution in Estuaries", Botany Dept, Shivaji University, Kolhapur, Environmental Pollution and Resources of Land and Water, 299-304.

Niles and Jennifer.,2006,"Monitoring the Corsica river watershed water quality from field to estuary", A national nonpoint monitoring program project, Dept of env, Maryland.

National Institute of Oceanography (NIO)., 1985 "Study in Tapti estuary, for waste water disposal from a fertilizer plant", Tech report, Dona Paula, Goa 44.

Padmavati. G and Goswami. S.C., 1999, "Zooplankton ecology in the Mondvi-Zuari estuarine system of Goa, west coast of India", *Indian J. Mar. Sci.*, 25: 268 - 273.

Palansamy, K and Balsubramanian .T, 1989,"Distribution of calcium and magnesium in the Vellar estuary, *Mahasagar*, 22(1)1-11.

Paramsivam.S and Kanan.L., 2005"Physico-chemical Characteristics of Multhupettai Mangrove Environmnet,southest coast of India", Center of advanced study in Marine Biology, Anamalai University, parangipettai, *International journal of Ecology and Environmental Science*, 31(3),273-278.

Panda. U.C., Sahu K.C., Mahapatra. D.M and C.R. Das., 1999, "Bulk and partition analysis of heavy metals in sediments of the Bahuda estuary, east coast of India", *Indian J. Mar. Sci.*, 28(1): 102 - 105.

Pelley J., (1998), "Is coastal eutrophication at a control", *Env Sci and Tech* (32) 462-466.

Piet Dewitt., Franklin. C and Daiber., 1973, "The Hydrography of the Brodkill River Estuary" ,Delaware, Chesapeake, *Science* ,vol 14 (1), 28-40.

Pradhan. B.R., Gouda and Panigrahy R.C.,1998, "Distribution of some heavy metals in the sediments of the Rushikulya estuary east coast of India", *J. Environ. Pollut*, 5(4): 323 - 327.

Ragotzkie R.A ,1969, "Plankton productivity in Estuarine waters of Georgia", publ. *Ins. Mar.Sci.* Univ,Georgia,146-158.

Rai .B.Y, Chineah and Neermul, 1998, "Investigation of the water quality of Belle eau estuary at Alibion.,*AIMS*, Mauritius, 143-149.

Rajathy. S.,1997, "Mercury in water, sediment and in some estuarine organisms of the Ennore estuary, Madras", Tamil Nadu, *J. Mar. Biol. Ass. India*, 39(1-2): 174 - 177.

Ramanathan A.L.,Vaithiyantha, Subramanian. V and Das B.K., 1993,"Geochemisry of Cavery estuary east coast of *India*, *Est Research Red*, Vol 16,459-474.

Ramkrishnan S. and Venugopalan. V.K,1987,"Blue green algae from Vellar estuaries ", *Env. Prot . Nat .Series*, Trivendram, 285-295.

Reddy M P M., Hariharan and Kurian, 1979, "Seasonal Variations in Hydrographic Conditions of Estuarine and Oceanic Waters Adjoining the Old Mangalore port", *IJMS*, Vol (8), 73-77.

Reddy Ravindrakumar .D and Reddy M.P.M., 2004, "Studies on Relationship Between Salinity and Nutrients and Between Nutrients and Phytoplankton in the Netravati Gulpur Estuary and Near shore Waters Off Manglore", *J. Aqua, Biol*, Vol 19 (1), 23-28.

Reddy. N.P.C., Rao. B.P., Rao. K.M and V.S. Rao., 1994, "Seasonal changes in suspended sediment load in the Gautami-Godavari estuary", *Mahasagar*, 27(1): 47 - 53.

Richard J., 1998, "Manganese and suspended matter in the Yaquina estuary", Oregon, Pacific div env research laboratory, *Estuaries*, Vol 11, 217-225.

Sabata.B.C and Nayar M.P., 1987, "Studies on phytoplankton of Hooghly river collected near Dakhineswar during winter", Impact of Current Land use Pattern and Water Resources Development on Riverine Fisheries, 52 (Abstract).

Sadhuram Y., Sharma V.V., Raman T.V., Murthy and Rao Prabhakara .B., 2005, "Seasonal Variability of physicochemical characteristics of the Halida channel of Hooghly estuary, India", National Institute of Oceanography, Regional Centre, Vishakapatnam, *Journal of Earth syt Science*, 114 (1) 37-49.

Saraladevi, K., Sankaranarayanan V.N. and Venugopal P., 1991, "Distribution of nutrients in the Periyar river estuary", *Indian J. Mar. Sci*, 20(1): 49 - 54.

Sarladevi K., Venugopal .P, RemaniK. S., Lalitha.S and Unnithan R.V., 1979, "Hydrographic Features and Water Quality of Cochin Backwaters in Relation to Industrial Pollution", National Institute of Oceanography, Regional Centre, Cochin, *IJMS*, Vol (8), 141-145.

Sardesai S. and Sunder D., 2003, "Variabilty of nitrate and phosphate", NIO, dona paula, Goa, *Geophysics Research*, 99, 59-145.

Schroder W. Dinnel, and Wiseman, 1990, " Salinity stratification in a river dominated estuary, *Estuaries* (13), South Africa, 145-154.

Schumann E H., Pearce M V., 1997, "Freshwater Inflow and Estuarine Variability in the Gamtoos Estuary", South Africa, Institute for Coastal research, University of port Elizabeth, Vol (20) 1, 124-133.

Selvakumar R .A, Vijayalaxmi., Nair and Madhupratap M., 1980, "Seasonal Variation in Secondary Production Of the Mandovi- Zuari

Estuarine System Goa", National Institute Of Oceanography, Dona Paula, Goa 403004, *IJMS*, Vol (9),7-9.

Selvakumar. R.A., Goswami. S.C. and Goswami U., 1987. Tidal and diel influence on zooplankton occurrence in the Mandovi estuary, Goa. *J. Indian Fish. Assoc*, 16-17: 39 - 49.

Sen Gupta.R and Upadhyay S., 1987, "Nutrient biogeochemistry of the Mahanadi estuary",*Mahasagar*.

Sharma A., Dixit S. and Jain.,(2007), "Statistical evaluation of hydrological parameters of Narmada River", Hoshigabad city, India1-8.

Subramanian. V., Ramanathan. A and Vaithyanathan P., 1989, "Distribution and fractionation of heavy metals in the Cauvery estuary, India", *Mar. Pollut. Bull*, 20(6), 286 - 290.

Thomas Cherian, L.V., Gangadhararao and Verma K.K., "Variation in physical characteristics of the waters of Zuari Estuary", National Institute Of Oceanography, Dona Paula, Caranzalem, 403301.

Tripathi S C., Ray A.K., Patra .S and Sarma V V.,2005, "Water Quality assessment of Gautami-Godavari mangrove estuarine ecosystem of Andhra Pradesh, India during Sept 2001",National Institute Of Oceanography, Regional Centre, Vishakapatnam, *J.Earth Syst.Sci*, 114 (2), 185-190.

Toby D., Feaster paul. A and Conards., 2000, " Characterization of water quality and simulation of temperature, nutrients, biochemical oxygen demand and dissolved oxygen in the waterway river south Carolina, *S Geological Survey Series* , 34-42.

Votsa D., Manolie., Samara and Startis., 2000 "A study of surface water quality in Macedonia Greece. Speciation of nitrogen and phosphate , Dept of Chemistry, Aristotle University, *Kluwer academic publication*, Netherland. 13-32.

Venkatraman, 2005,"Coastal and marine biodiversity of India, *IJMS*, Vol 34,57-75.

Verma K.K.,Gangdhar L.V and Thomas.,1975,"Temporal and variation in hydrographic conditions of Mandovi estuary ", NIO, Goa, *IJMS*, (4) 11-17.

Vijaykumar S., Rajesh k.M., Mridular .R and Hariharn V.,2000, "Seasonal distribution and behavior of nutrients with reference to tidal rhythm in the Mulki estuary, south coast of India" , Dept of Fisheries, Oceanography college of fisheries Manglore, *Ind J Mar Bio*, 42(1&2) 21-31.

Vimala R., Lalitha S., Kasthuri R., Kalainivani.D., Mathivathana and Geethalakhmi.,2006, "Study on the Water Quality Of Kudamurutti River and Nearby Area in Woraiur ", Tiruchirappalli district, *IJEP*, Vol 26(2), 159-162.

Voluntary Estuary Monitoring Manual., 2002, Chapt 10: Nutrients: Nitrogen and Phosphorus, U.S protection agency, *Env Publication Series*.

Zingde M.D., Trivedi S.K and Desai B.N., 1979, "Physicochemical Studies on Coastal pollution of Bombay Estuary", National Institute of Oceanography, Versova, Bombay 400061, *Journal Of marine Science*, Vol 8,271-277.

Zingde.M.D., Sharma .P and Sabnis M.M., 1985, "Physico-chemical investigations in Auranga river estuary", *Mahasagar*, 18: 307 - 321.

Zingde.M.D.,1989, "Environmental status of the coastal marine environment of India", *Management of Aquatic Ecosystems*, 37 - 57.