

REFERENCES

REFERENCES

- _____ Planning Commission, Guidelines for the Preparation of Feasibility Reports of Industrial Projects, Controller of Publication, New Delhi, 1984.
- Adhikari, A. K.; Bhowmik, D.; Chakraborty, M. B.; Chandorkar, V. B.; Dey, P. K.; Katre, U. A.; Roy Choudhury, R. & Yadav, Y. S. (1986). Limnology and productivity of ox-bow lakes, in Data Analysis in the Life Science. Proc. workshop. Indian Statis. Inst. Cacutta, pp.225-235
- Akio Fujushi (1980). Journ. Shimonesaki. Univ. Fish. 29 (1), 1
- Alagaraja, K. (1977). Studies on gill net selectivity. J. Inland Fish. Soc. India, Vol. IX, December, 1977: 1-8
- Amarashinghe, U. S. and Sena, S. De Silva (1992). Empirical approach for evaluating efficiencies of different fishing methods in tropical shallow reservoirs: A Sri Lankan case study
- Annamalai, V. & Kandoran, M. K. (1990). Fish. Technol. 27, 5
- Annamalai, V. and Kandoran, M.K. (1995). The work wage relationship in the traditional ring seine fisheries of Kerala. Fish. Technol. 32(2): 131-135
- Aoyama, T. (1961). Bull. Seikai. Reg. Fish. Res. Lab. 23, 1
- Baranov, F. I. (1948). Pische Promizdat, Moscow, 435
- Beavan, R. (1877). Handbook of freshwater fishes, viii = 247 pp., London (Reprinted 1982, Narendra Publishing House, Delhi).

- Bhagawati, A.K. and Kalita, B. (1987). Studies on traditional fishing in some beels at Kamrup. Compendium on Workshop on development of beel fisheries in Assam. 1987:47-69
- Buchanan-Wallastron, H. J. (1927) J. du. Cons. 11 (1) 343
- Changeux, T. and Zylberblat, M. (1993). Analysis of fishing gear, Fishery statistics in the Rhone river basin. Part One: Study of the fishing effort (Fr. Engl. Summ.). Bull. Fr. Peche Piscie. 330:245-269
- Changeux, T. and Zylberblat, M. (1993). Analysis of fishing gear, fishery statistics in the Rhone river basin. Part Two: Study of the catch (Fr. Engl. Summ.). Bull. Fr. Peche Piscie. 330:271-294
- Clark, J. G. D. (1952). Prehistoric Europe, Lond., Methuen & Co., XIX, 349 p. index.
- Craig, J. F. (1975). Seasonal variation in the catching power of traps used for perch, *Perca fluviatilis* L. Freshwat. Boil. (5):183-187
- Craig, J. F. and Fletcher, J.M. (1981). Some results of fishing with survey gill nets in Windermere. Proc. 2nd. Brit. Freshw. Fish. Conf.: 101-107.
- Craig, J. F., Sharma, A. and Smiley, K. (1986). The variability in catches from multi-mesh gillnets fished in three Canadian lakes. Fish. Biol. (28): 671-678.
- Datta, K.K., Dan, S.S. and data, A.K. (1989). An economic analysis of different type of bag-nets (Behundi jal) units in West Bengal coast. J. India. Soc. Coastal Agric. Res., 7(2): 99-110
- David, A.; Ray, P.; Govind, B. V. & Banerjee R. K. (1969) Bull. Cent. Inland Fish. Res. Inst. 13, 188

- Day, F. (1878). The Fishes of India. Vol. I pp. 522-523, 600. William Dawson and Sons Ltd. London
- De, D.K. (1980). Fishing gear and fishing methods of the Hoogly-Matlah estuarine system. In summer institute lectures of CICFRI, Barrackpore, pp 1-8
- De, K.C. (1910). Report on the fisheries on Eastern-Bengal and Assam, Govt. Printer, Shilong.
- Dey, S. C. (1975). Ecomorphology of the ichthyofauna of the river Pagladia within Kamrup district, Assam. J. of Assam Sc. Soc., Vol. 18 (1): 1-5
- Dey, S.C. (1965). Occurrence of two teleostean fishes *Haplochilus Lineatum* (Cuvier and Valenciennes) in Assam. J. of Assam Sc. Soc., Vol. VIII, pp. 1-3
- Dey, S.C. (1981). Studies on the hydrobiological conditions of some commercially important lakes (beels) of Kamrup district of Assam and their bearing on fish production (North – Eastern Council, Government of India, Shillong), p.177
- Dey, S.C. and Kar, Devashish (1989). Fishermen of lake Sone in Assam: Their socio-economic status, science and culture, Vol.55: 395-398
- Dey, S.C. and Sharma K. N. (1967). Study on the fish fauna of *Beki* Stream with a note to the eco-physiological conditions of the water system. J. of Assam Sc. Soc., Vol. VIII, pp. 1-3
- Dutt, S.N. (1973). On the gill nets of the Hoogly-Matlah estary system (west Bengal) with special reference to their specifications and operation. J. Inland Fish. Soc. India. Vol. V: 29-36
- George, V.C. (1971). An account of the inland fishing gear and methods of India. Fish. Technol. Spl. Bult. Pp. 68
- George, V.C., Khan, A.A. and Pandey, O.P. (1975). Catch efficiency of selective action of coloured gill nets. Fish. Technol., 12(1): 60-63

- George, V.C., Khan, A.A. and Varghese, M.D. (1982). Stick-held drag net for shore line fishes of reservoirs. *Fish. Technol.* 19(2): 121-122
- George, V.C., Naidu, M.R. and Kunjipalu, K.K. (1973). Exploratory fishing in Hirakud reservoir. *Fish. Technol.* 10(1): 71-78
- Gittinger, J.P. (1982). Economic analysis of agriculture project. The John Hopkins University Press, London
- Goswami, M.M. (1997). Beels, the prime inland fishery resource of Assam. Summer School on Fisheries Enhancement in Small Reservoirs and Flood plain Lakes. CICFRI. Bull. No. 75: 179-185
- Goswami, M.M., Lahon, B., Kakati, M., Deka, T.K. and Singha, P.K. (1994). Fishery exploitation systems and their impact on socio-economic status of fishermen in some beels of Assam. *J. Inland. Fish. Soc. India*, 26(1): 51-58
- Gunther, A. (1864). Catalogue of the Fishes in the British Museum, V, pp. 34, 56, 98
- Gunther, A. (1868). *Ibid.* VII, pp. 70, 366, 367
- Hamley, J. M. & Reigier, H. A. (1973) *J. Fish. Res. Bd. Canada* 30, 817
- Hamley, J. M. (1975). *J. Fish. Res. Bd Canada* 32, 1943
- Hickling, C.F. (1961). Tropical Inland Fisheries (Hickling, C.F. – Ed) Longmans, Green and Co. Ltd., London

- Hodgson, W. C. (1933). *J. Cons. Perm int. Explor. Mer.* 2, 356
- Holt, S. J. (1957). *Int. Comm, N. W. Atlant Fish. Spec. Publs.* 5, 106
- Hora, S. L. (1951). Knowledge of the ancient Hindus concerning fish and fisheries of India – Matsyavinod or a chapter on angling in the Monosoltara by King Someswar (1127 A.D.). *J. Asiat. Soc.* 17: 145-169
- Hora, S. L., and Gupta, J. C. (1941). On a collection of fish from Kalingpong, Duars, and Siliguri Terai, Northern Bengal-*J. Asi. Soc. Beng.* 6 pp. 77-83
- Hora, S. L., and Mukherjee, D.D. (1935). Fish of the Naga hills, Assam. *Rec. Ind. Mus.* 37 pp. 381-404
- Hornell, J. (1924). *Mem. Asiat. Soc. Bengal* VIII, 3: 137 - 199
- Hutchinson, G.W. (1975). A treatise on limnology. Vol. 1. Geography, Physical and Chemistry of lakes, Chapman and Hall. Ltd., London 1015 pp
- Ibid. (1925). *Mad. Fish. Bull.* XVIII: 59 – 110
- Ibid. (1938). Ibid. (1925). *Mad. Fish. Bull.* XXVII: 1 – 69
- Jensen, A. J. C. (1949) *Rapp. P-V seun. Cons. Perm. int. Explor. Mer.* 25, 65
- Jingran, V.G. (1982). Fish and fisheries of India. Hindustan Publishing Corp., New Delhi, 2nd ed., pp. 195
- Job, T.J. and Pantulu, V.R. (1958). Fish trapping in India. *J. Asiatic Soc.*, 19(2): 175-196

- Joseph, K. M. & Sebastian, A. V. (1964). Fish. Technol. 1, 180
- Joseph, K.M. and Narayanan, K.F. (1965). Fishing gears and methods of the River Brahmaputra in Assam. Fish. Tech. 2(2): 205-219
- Katre, U. A.; Roy Choudhury, R. & Yadav, Y. S. (1986). Limnology
- Kesavan nair, A.K. and Alagaraja, K. (1984). On the problem of non additivity in two way analysis of variance of data for comparing the efficiency of gears. Fish. Technol. 21: 75-79
- Khan, A. A.; Kartha, K. N.; Dawson, P. and George, V. C. (1993). Fish harvesting system in Indian Reservoirs. Proc. of National Workshop on Low Energy Fishing (8-9 August), Cchin. Soc. of Fish. Technol. India.
- Khan, A.A.; Dawson, P. and Krishna Kartha K.N. (1991). Relative catch efficiency of newer fishing gear. Proc. Nat. Workshop on low energy fishing. Soc. Of Fish. Technol. India. : 116-118.
- Khan, A.A.; Dawson, P.; Rama Rao, J.S. and Varghese, M.D. (1992). Fishing in impounded waters- A case study in Hirakud reservoir, Orissa. Fish. Tehnol. Spl. Bull., pp 42
- Khan, A.A.; George, V.C. and Varghese, M.D. (1980). Eradication of uneconomical fishes with simple gill nets from Hirakud reservoir. Fish. Technol. 17(1): 15-19
- Khan, A.A.; Krishna Kartha, K.N.; Dawson, P. and George, V.C. (1991). Fish harvesting systems in Indian reservoirs. Proc. Nat. workshop on low energy fishing. Soc. of Fish. Technol. India. : 152-155

- Khan, A.A.; Narayanappa, G. and Naidu, R.M. (1985). Effect of hanging coefficient on the efficiency of frame nets. *Fish. Technol.* 22(2): 115-116
- Krishna Iyer, H.; Rajendran, R. and Roy Choudhury, L. (1968). Comparative fishing ability and economic efficiency of mechanized trawlers operating along the Kerala Coast. *Fish. Technol.* 5 (2): 71-80
- Krishna Iyer, H.; Unithan, G.R.; rao, P.S.; Panduranga Rao, C.C. and Nair, R.G. (1983). The effect of increase in the number of fishing trips on the economic efficiency of 9.82m and 11m fishing twalers along Kerala Coast. *Fish. Technol.* 20: 9-12
- Krishna Kartha, K.N. (1978). Economics of the indigeneous fishing units at Cochin- a case study. *Spl. Bul. CMFRI*, : pp 24
- Krishna Kartha, K.N. and Rao, K.S. (1991). Selectivity of gill nets for *Catla catla* (Ham) in Gandhinagar Reservoir. *Fish. Technol.* 28: 5-9
- Krishnamurty, K.N. and Rao, A.V.P. (1980). Fishing gears and methods of fishing in Pulicate lake. In summer institute lectures of CICFRI, Barrackpore. pp. 1-9
- Kulshreshtha, S.D. (1986). Traditional Inland fishing methods in Rajasthan, India. The first Asian fisheries Forum. Asian fisheries society, Manila, Philippines.: 413-416
- Kunjipalu, K.K.; Varghese, M.D. and Kesawan Nair, A.K. (1994). Studies on squaremesh codend in trawls-I studies with 30mm mesh size. *Fish. Technol.* 31 (2): 112-117

- Kuriyan, C. V. and Sebastian, V. O. (1976). Prawns and Prawn fisheries of India. Hindustan Publishing Corp., Delhi, 280 pp.
- Kuriyan, G.K. (1973). Fishing gears in fresh water reservoirs of India. Fish. Technol. 10(1): 1-5
- Kuriyan, J. & Willmann, R. (1982). Economics of Artisanal and Mechanized Fisheries in Kerala, p. 113, Food and Agriculture Organization of the United Nations. Madras
- Kurup, B. M.; Sebastian, M. J.; Sankaran, T. M. and Rabindranath, P. (1993). An account of inland fishing gear and fishing methods of Kerala. Proc. of National Workshop on Low Energy Fishing (8-9 August), Cchin. Soc. of Fish. Technol. India.
- Lagler, K.F. (1978). Freshwater fisheries biology, WMC, Brown Corp. Publishers, Dubuque, Iowa, pp. 421
- Lepitzky, I. I. (1965) Seminar on Fish culture in Inland waters of the USSR for Fellow-ship Study from the Afro-Asian and Near-East countries, Leningrad. pp. 1-14
- Madhusoodana Kurup, B.; Sebastian, M.J.; Sankaran, T.M. and Rabindranath, P. (1993). Seasonal and spatial variations in fishing intensity and gear wise landing of the Vembanad lake. Fish. Technol. 30: 15-20.
- Madhusoodana Kurup, B.; Sebastian, M.J.; Sankaran, T.M. and Rabindranath, P. (1993). An account of inland fishing gear and fishing methods of Kerala. Proc. Nat. workshop on low energy fishing. Society of fishi. Technol. India. pp.145-151

- Mathai, T.J. and George, N.A. (1972). A note on the comparative catch efficiency on nylon over cotton gill net in reservoir fishing. *Fish. Technol.* 9(1): 81-82
- Mc Clelland, J. (1839). *Indian Cyprinidae*, Asiatic Researches, 19: 217-471
- Meenakumari, B.; Radhalakshmi, K. and Paniker, P.A. (1993). Netting materials for low energy fishing gear. *Proc. Nat. Work. on low energy fishing. Soc. of fish. Technol. India.* pp. 107-111
- Menon, M. A. S. (1952). On a small collection of fish from Manipur Assam- *Rec. Ind. Mus.* 50 pp. 265-270
- Mishra, S.K. (1994). Fishing gear and crafts employed in the fisheries of West Champaran district of Bihar, India. *Bul. Env. Sci. (Vol. XII):* 3-5
- Misra, K. S. (1959). An aid to the identification of the common commercial fishes of India and Pakistan- *Rec. Ind. Mus.* 57 (1 & 2) pp. 1-320
- Mitra, S.N. (1952). *A note on the Estuarine and Foreshore Fisheries in the Sunderbans Forest Division*
- Mohan Rajan, K.V. (1994). Fish trapping devices and methods of Southern India. *J. fish. Technol.* (30): 85-93
- Motwani, M. P., Jayram, K. C., and Sehgal, K. L. (1962). Fish and fisheries of Brahmaputra river system, Assam. I. Fish fauna with observation on their Zoogeographical significance- *Tropical Ecology* 3 (1 & 2) pp. 17-43
- Mruthyunjaya, K. S. (1982). *Fish. Chimes.* 2, 25

- Muller, J. and Troschel, F. H. (1845). Beschreibung und Abbildung neuer Fische, Horae Ichthyologicae, 3, pp. 12
- Naidu, M.R. (1938). Report on a survey of the fisheries of Bengal, Calcutta. No.266 F
- Naidu, R.M. and George, V.C. (1972). Fishing experiments with frame nets in Hirakud Reservoir. Fish. Technol. 9 (1): 31-33
- Narayanappa, G.; Khan, A.A. and Naidu, R.M. (1977). Coloured gill nets for reservoir fishing. Fish. Technol. 14 (1); 44-48
- Nomura, M. (1961) Bull, Tokai. Reg. Fish. res. Lab. 30, 50
- Oslen, S. (1959). J. Fish. Res. Bd Canada. 16, 339
- Pandey, B.L. (1994). Studies on the fishing crafts and gears of River Padma. Punjab Fish. Bul. Vol. XVIII (1): 55-60
- Panicker, P. A.; Sivan, T. M.; Mhalathkar, H. N. & George Mathai, P. (1978). Fish Technol. 15 (1) 61
- Pantulu, V.R. (1974). Economic evaluation of fish culture enterprises. J. Inland Fish. Soc. India. (vol. VI): 102-112
- Peter, W C. H. (1886). Ueber Zwei neue Gattungen von Fischen... aus dem Ganges etc. Mon. Acad. Wiss. Berlin, pp. 712
- Phukan, G.C. (2001). Assam Fisheries Rules, 1953. Assam Law House, Guwahati, Assam
- Pillai, N. S. Boopendranath, M. R. & Kunjipalu, K. K. (1989). Fish. Technol. 26, 1

- Pillai, T. V. R. and Ghosh, K. K. (1962). The bag-net fisheries on the Hooghly-Matlah estuary system (Wst Bengal). *Indian J. Fish.*, 9 (1): 71-99
- Playfair, S. (1867). *Proc. Zool. Soc. London*, pp. 14, 16
- Poloheimo, J.E. and Chenyong. (1993). Estimation of effective effort from catch at age data. *Can. J. fish. Aquat. Sci.* 50 (11): 2421-2428
Proc. workshop. Indian Statis. Inst. Cacutta, pp.225-235
- Radhakrishnan Nair, P. (1993). Fishing with traps. *Proc. Nat. Workshop on low energy fishing. Soc. of Fish. Technol. India*: 207-209
- Radhalakshmi, K.; Sivan, T.M. and Poul, V. (1993). Experiments with polythene yarn gill nets. *Proc. Nat. Workshop on low energy fishing. Soc. of Fish. Technol. India*: 119-120
- Rama Rao, S.V.S. et al. (1989). Shark long line gear of India. *Fishery Technology*, 26(2): 73-80
- Rao, K.V. (1991). Methods for comparison of potentialities of fishing grounds and efficiencies of gears, *Fish. Technol.*28: 100-102
- Reigier, H. A. & Robson, D. S. (1966) *J. Fish. Res. Bd. Can.* 23, 423
- Robinson, W. (1841). *A descriptive Account of Assam*, xv = 433 pp. (Reprinted 1975, Sanskaran Prakasan, Delhi)
- Rout, M. and Lakshmanan, M.A.V. (1986). Mesh selectivity of gill nets for some freshwater carps in ponds. *J. Inland Fish. Soc. India*, 18(2): 60-64

- Roy, B. and Benerjee, B.C. (1980). Fishing methods of Chilka Lake. In Summer Institute lectures of CICFRI, Barrackpore: 1-7
- Russel, E. L. & Edser, J. (1926). *J. Cons. Perm, int. Explor.Mer.* 1, 39
- Sadanandan, K.A.; Kartha, K.N.; George, T.P. and Krishna Iyer, H. (1988). Economics of gill netting and two boats mid water Trawling. *Fish. Technol.*25: 5-7
- Sarma, P.; Kalita, K.; Kalita, B. and Dutta, O. K. (1993). Low energy fishing techniques of the North Eastern India. Proc. of National Workshop on Low Energy Fishing (8-9 August), Cchin. Soc. of Fish. Technol. India.
- Sathiadas, B. & Panikar, K. K. P. (1988). *Seafood Export Journal* 20 (11), 21.
- Sathiadas, R., Panikkar, K.K.P., and Salini, K.P. (1993). Economics of traditional gill net fishing using wind energy along Tamil Nadu Coast. Proc. Nat. workshop on low energy fishing. Soc.of Fish. Technol. India: 272-277
- Saxena, R. K. (1964). The fishing nets and traps in a section of the middle reaches of Ganges river system of India. *Proc. Indo-Pacific Fish. Cong.*2: 250-271
- Sehgal, K. L. (1956). On a collection of from Assam.- *J. Bombay. Nat. Hist. Soc.* 53 pp. 717-723
- Sehgal, K. L. (1959). Two new fish record from Assam. *J. Bombay. Nat. Hist. Soc.* 53 pp. 717-723
- Shaw and Shebbeare, E. O. (1938). The fishes of Northern Bengal- *J. Asi. Soc. Beng.* 3 pp. 1-138, 8 pls

- Siluvai Raj, S. M., Hridayanathan, C. and Shahul Hameed (1992). Economics of fishing units in the backwaters of Kerala. *Fish. Technol.* Vol, 29, p. 75-77
- Singer, Charles et al. (1965). *History of Technology*. ed. by Charles Singer and Others. Oxford, Clarendon press, 827 p.
- Sinha, M. (1997). Inland fisheries resources of India and their utilization. Summer School on Fisheries Enhancement in Small Reservoir and Floodplain Lakes. CICFRI, Barrackpore 14 July to 12 August 1997, pp. 1-11
- Sitaram Rao, J., Mathai, T.J., Khan, A.A. and Dawson, P. (1993). A preliminary study of experimental fishing in "Derjong" Reservoir. *Proc. Nat. workshop on low energy fishing. Soc. of Fish. Technol. India*: 156-158
- Stott, B. (1970). Some factors affecting the catching power of unbaited traps. *J. Fish. Biol.* 2: 15-22
- Sulochanan, P., George, V.C. and Naidu, R.M. (1968). Experimental fishing in Hirakud Reservoir, Orissa (1965-67). *Fish. Technol.* 5(2): 81-95
- Sunder, S., Bhagat, M.J., Joshi, C.B. and Ramakrishna, K.V. (1978). Fishing methods fishing composition of Dal lake, Sri Nagar (Jammu and Kashmir) during 1969-72. *J. Inland. Fish. Soc. India*. Vol. 10: 9-18
- Tewari, S.C.; Negi, Y.S. and Katiha, P.K. (1994). Economics of input resource management in reservoir fisheries. *J. Inland Fish. Soc. India*, 26 (1): 35-43
- Trinos, Raynold A.de los. (1992). *Technological and Socio-economic Assessment of the Magat Reservoir Fishery, Philippines*

- Unnithan, G.R.; Krishna Iyer, H.; and Srinivas Rao, P. (1985). Economic analysis of 22 m and 23 m Deep Sea Trawlers. *Fish. Technol.* 22: 79 – 82
- Varghese, M.D.; George, V.C.; Khan, A.A.; and Krishna Iyer, H. (1983). Shore seine for Reservoirs, Part –II, studies on optimum mesh size. *Fish. Technol.* 19 (2): 97 –100
- Varghese, M.D.; Khan, A.A.; Kesavan Nair, A.K. and George, V.C. (1981). Estimation of fish production from Hirakud Reservoir. *Fish. Technol.* 18 (1): 17 – 23
- Von Brandt, A. (1968). *Modern Fishing Gear of the World 2*. Fishing News (Books) Ltd, West By fleet Surrey, England.
- Wade, J. P. (1801). *An Account of Assam*, xxxviii = 375. (Reprinted 1927, Assam Jyoti, Assam)
- Wetzel, R.G. (1975). *Limnology*. W.B. Saunders Co., Philadelphia, London, Toronto
- Wishard, S.K. (1976). *Roak* fishing and its probable effect on the capture fisheries of river Yamuna in Agra district. *Indian J. Fish.* 23 (1 & 2): 213 – 235
- Yadav, Y.S.; Choudhury, M.; and Kolekar, V. (1981). *Katal* fishing – A special device for catching fish in beels of Assam. *J. Inland Fish. Soc. India*, Vol. 13 (1)
- Yadav, Y.S. and Choudhury, M. (1986). *Banas* fishing in beels of Assam. *Nat. Hist. Soc.*, Vol. 83 (2): 452 –456

Yahaye, Y. & Wells, R. J. G. (1980). Proceedings of the symposium on the development and management of Small Scale Fisheries, p.311, FAO Regional Office for Asia and the Pacific, Bangkok

Znamensky, Yu. (1967). Report of the Government of India on development of fishing techniques in the Hirakud, Nizamsagar, Matatila and Gobindsagar water reservoir and their affluent. FAO REP. to Govt. of India TA 2290