

Biodata of Prof. Dr. P. Nammalwar Rajan



Prof. Dr. P. Nammalwar Rajan, 62 years old is an active Principal Scientist-in-Charge with an overall service of 35½ years in the Central Marine Fisheries Research Institute (Indian Council of Agricultural Research – Govt. of India). At present I am working as Project Leader (INCOIS - Ministry of Earth Sciences, Govt. of India), Institute for Ocean Management, Anna University, Chennai – 600025 (Off: 044-2220 0159) since October 2006. My specialized subject areas are marine biology, marine fisheries, aquaculture, marine / environmental toxicology, marine mammals' conservation, marine biodiversity conservation climate change and remote sensing application on marine fisheries including formulating research project proposals for funding from external government organizations. I have published 110 research papers and 30 popular articles in the National and International scientific journals. I have participated in many research cruises of the Fishery Survey of India and Department of Ocean Development research ships (“FORV Sagar Sampada”) in Bay of Bengal and Arabian Sea. I have been recognized as supervisor and guide by Madurai Kamaraj University and University of Madras and produced many Ph.D students. I have been recognized as ‘External Examiner’ for conducting the Ph.D Viva-voce (Marine Sciences & Technology) by various Indian Universities. I have been recognized as ‘Guest Faculty’ for M.Tech ‘Coastal Management’ – CM9154 ‘Coastal Aquaculture and Engineering’ in Institute for Ocean Management (Department of Civil Engineering), Anna University, Chennai since the inception of the course during August 2007. I visited many countries and participated in various extension programmes, National and International Symposium, Workshops, Seminars and Conferences conducted by various organizations. My academic details are given below.

Sl. No.	From / To (Month/Year)	Institutions/ University	Main field / Specialization in Degree	Degree Obtained
1.	June, 1962 to May, 1965	The American College, Madurai (University of Madras)	Zoology/Botony	B.Sc.
2.	June, 1965 to May, 1967	Annamalai University, Annamalai Nagar	Marine Biology / Fishery Biology	M.Sc.
3.	February, 1978 to March, 1982	University of Madras, Chennai	Marine Biology / Ecophysiology	Ph.D.

I am a Life member/ Member in various Scientific/ Professional Societies. 1. Marine Biological Association of India, 2. Zoological Society of India, 3. Ocean Society of India, 4. Academy of Environmental Biology of India, 5. Society of Aquaculture Professionals, 6. World Aquaculture Society, 7. Society of Tropical Aquaculture Scientists, 8. Cetacean Society International, 9. The Fisheries Technocrats Forum, 10. Asian Fisheries Society.

I am a member in various social service organizations. 1. Lions Clubs International, 2. Bharat Vikas Parishad, 3. Book Club International, 4. Indian Officers Associations, and 5. World Constitution and Parliament Association.

I am very much involving in various social service activities. I have been honoured by various organizations for my life achievement in fields of fisheries, aquaculture, ocean sciences & technology and environmental management. I am also a Convener for the Tsunami Relief and Rehabilitation Coordination (TRRC) in the Centre for Education, Environment and Development Alternative (CEEDA), Chennai. I am residing at 121/46, 2nd Street, Kamaraj Avenue, Justice Ramasamy Road, Adyar, Chennai – 600020. (Res.: 044-24419414 & Mobile: 98843 26610), E.mail: drnrajan@gmail.com

LIST OF RESEARCH PUBLICATIONS (1967 – 2003)
DR. P. NAMMALWAR, PRINCIPAL SCIENTIST,
CENTRAL MARINE FISHERIES RESEARCH INSTITUTE (ICAR),
MADRAS RESEARCH CENTRE, CHENNAI- 600 028

1. Nammalwar, P., 1973. A short note on the biometry of *Nemipterus japonicus* (Bloch) in relation to sex in Porto Novo waters. *Sci. Cult.*, 39(8): 349-350.
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4. Devaraj, M., P. Nammalwar and R. Thiagarajan, 1976. Record of the sunfish, *Masturus oxyurpterus* (Bleeker) from Indian Coast. *J. mar. biol. Ass. India* 18(3): 664-666.
5. Nammalwar, P., and V.D. Ramamurthy, 1976. Mortality of fishes due to oil tanker disaster in Gujarat coast. *Sci. Cult.*, 42(8):425-426.
6. Nammalwar, P., 1977. A note on parasitised ovaries in the perch, *Pomadasys hasta* (Bloch). *Indian J. Fish.*, 24(1&2):271-272.
7. Nammalwar, P., 1977. Effects of varying salinities and body weight changes in an estuarine crab, *Uca annulipes* (Milne- Edwards). *Sci. Cult.*, 43(12): 548-549.
8. Nammalwar, P., 1977. Note on osmoregulatory changes in an estuarine nudibranch mollusc, *Onchidium verraculatum* of Porto-Novo. *Sci. Cult.*, 43(3): 137-138.
9. Ammer Hamsa, K.M.S and P. Nammalwar 1977. Some planktonic foraminifera from the Gulf of Mannar. *Indian J. Fish.*, 24(1&2):253-255.
10. Nammalwar, P., 1977. Influence of temperature and salinity on oxygen consumption of *Tilapia mossambica* (Peters) in Porto-Novo waters. *Sci. Cult.*, 43(5): 226-228.

11. Nammalwar, P., and S. Krishnapillai, 1977. Instances of caudal fin deformity in some fishes of Bombay waters. *Sci. Cult.*, 43(7): 326-329.
12. Nammalwar, P., 1978. Blood sugar estimation in estuarine crab *Scylla serrata* (Forsk.). *Sci. Cult.*, 44(12): 543-544.
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14. Ammer Hamsa, K.M.S and P. Nammalwar 1978. Description of isopod *Cirolana parva* Hansen parasitic on the eye balls of dolphin, *Delphinus delphis* Linnaeus with a key to the Indian species of the genus *Cirolana parva*. *J.Bombay Nat. Hist. Soc.*,75(2):516-519.
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17. Nammalwar, P., 1981. An interesting case of blindness of eyes in mullet, *Liza macrolepis* (Smith) from Adyar estuary, Madras. *Sci. Cult.*, 47(8):304-306.
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21. Thiagarajan, R., P. Nammalwar and K. M. S. Ameer Hamsa, 1984. Stranding of false killer whale, *Pseudorca crassidens* at Rameshwaram, Gulf of Mannar. *Mar. Fish. Infor. Serv, T & E Ser.*, 55: 16
22. Nammalwar, P., 1984. Pollution induced fish kills in Adayar estuary, Madras- A case study. *Sci. Cult.*, 50(2):56-60.
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25. Silas, E.G., P. Nammalwar and R. Sarvesan, 1985. On the food of stranded sperm whale, *Physeter macrocephalus* Linnaeus at Tranquebar with a note on food habits of whales. *Proc. Symp. Endangered Marine Animals and Marine Parks, Cochin.*1: 65-71

26. Venkataraman,G., K.M.S. Ameer Hamsa and P.Nammalwar, 1985. Fish culture in pens in the Gulf of Mannar, India. *Proc. Symp. Coastal Aquaculture, Cochin-3*: 951-954
27. Nammalwar, P., 1985. Heavy metals pollution in Adyar estuary Madras. *Proc. Symp. Assess. Environ. Pollut.* Marathwada University, Aurangabad, India.93-99.
28. Rajagopalan, M., K. G. Girijavallabhan, Geetha Bharathan, M. Kathirvel, P. Nammalwar, and t. Dhandapani, 1985. An instance of mass mortality in the Muttukadu Farm near Madras during 1983. *Mar. Fish. Infor. Serv, T & E Ser.* 61:8-12
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30. Nammalwar, P., 1986. Report on the catch of juvenile whale shark, *Rhincodon typus* (Smith) at Keelakari, Gulf of Mannar. *Mar. Fish. Infor. Serv, T & E Ser.*,66: 30
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45. Nammalwar, P., and G. Mohanraj, 1990. A review of marine finfish culture research in India. *CMFRI Bulletin*.44(2): 427-435.
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51. Marichamy, R., A. P. Lipton and P. Nammalwar, 1992. Planning and development of marine fisheries research centre. Workshop on Management of Agricultural Research Stations (1. Operations - Management), 22-25 September, 1992, National Academy of Agricultural Research Management, Hyderabad, 1-12.
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55. Nammalwar, P., 1993. Milkfish and grey mullet culture in India. India's first Aquaculture Show, INDAQUA, 20-22 March 1993, Madras, Marine Products Export Development Authority, Cochin, India. 1-9.
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57. Bensam, P., V. N. Bande, S. Sivkani, K. V. Somasekharan Nair, N. G. Menon, Grace Mathew, P. Devadoss, P. Nammalwar, P. U Zacharia, M. Ferozkhan, P. Jayasankar, G. Mohanraj, P. Livingston, V. Gandhi, A. Raju, S. Srinivasarengan, V.S. Rengaswamy and S.G. Raje, 1994. Demersal finfish resources in certain areas of the EEZ of Southwest and southeast coast of India. *Proceedings Second Workshop. Scientific Results FORV Sagar Sampada, Department of Ocean Development, Govt. of India New Delhi.* 375-385
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61. Nammalwar. P., A. P. Lipton, S. Krishnapillai, G. Maheswaradu, C. Kasinathai, M. Bose, N. Ramamoorthy and P. Thillairajan, 1994. Instance of finless black porpoise, *Neophocaena phocaenoides* caught in Mandapam region along the Palk Bay coast in Tamil Nadu. *Mar. Fish. Infor. Serv, T & E Ser.*, 127: 16-17.
62. Nammalwar. P., 1995. Pollution problems of coastal ecosystems in India. *Proc. Natl. Symp. Electrochemistry in Marine Environment*, Central Electro Chemical Research Institute, SAEST Madras Chapter, 7-8 February 1995. 64-70.
63. Nammalwar. P., and P. Pakshirajan 1995. Ecotoxicological effects of industrial pollution on the estuarine grey mullets with reference to aquaculture along Madras coast. *Proc. Fourth Natl. Symp. Environ.* Madras, 7-10, February 1995, 25-56.
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65. James, P.S.B.R., V. Sriramachandramurthy and P. Nammalwar, 1996. Groupers and Snappers of India: Biology and Exploitation. In: Biology, fisheries and culture of tropical, groupers and snappers (Eds). F. Arreguin- Sanchez, J.L Manro, M.C. Balgos and D. Pauly (Eds). *ICLARM Conf. Proc.* 48:106-136.

66. Nammalwar, P., R. Marichamy, A. Raju, P. Jayasankar, M. R. Arputharaj, C.Kasinathan and S. Palnichamy, 1996. Collection, transport and maintenance of Asian Seabass, *Lates calcarifer* (Bloch). The Fourth Indian Fisheries Forum Proceedings.45-47
67. Sivakami, S., E. Vivekanandan, P. Nammalwar, M. Ferozkhan, P. V. Zacharia, G. Mohanraj, Grace Mathew and P. Jayasankar, 1998. The non-conventional finfish resources of Indian EEZ. In. Technological Advancement In Fisheries (Eds). Hameed, M.S. and S.M. Kurup. Publication No.1. School of Industrial Fisheries, Cochin University of Science and Technology, Cochin. 243-255.
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List of Popular Articles (1967-2003)

Dr. P. Nammalwar, Principal Scientist,
Central Marine Fisheries Research Institute (ICAR),
Madras Research Centre, Chennai- 600 028.

1. Nammalwar, P., 1973. The resources of the Ocean with special references to Indian Ocean. *Seafood Exports Journal*, 5(3):15-19.
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