



CURRICULUM VITAE

I. Gneral information:

Name: Nguyen Phu Hoa Gender: Female Date of birth: 02 March 1970

Master degree: 1995-1996 at Asian Institute of Technology, Bangkok, Thailand. Field of study: Aquaculture

Ph.D.degree: 2004 - 2007 at Asian Institute of Technology, Bangkok, Thailand. Field of study: Aquaculture and Aquatic Resources Management

Associate Professor: promoted in 2012 by National Council of Professor title.

Employment: 1992 – present: senior lecturer and researcher

Organization: Nong Lam University - Hochiminh city (formerly University of Agriculture and Forestry – Hochiminh city)

Current position:

- Head, Scientific Research Management Office, and Professor of Faculty of Fisheries, Nong Lam University - Hochiminh city (formerly University of Agriculture and Forestry – Hochiminh city)

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1. Professional experiences:

- Master and Graduate training subjects:
Water Quality Management for Aquaculture, Fish and Shrimp Health Management, Aquatic Ecology, English for Aquaculture.
Moreover, giving lecture to local lecturers, officers and technicians of several provinces and many private companies.
- Being a consultancy for some company related to culture techniques and water treatments for shrimp and fish rearing systems
- Research Topic Interest:
Environmental Quality Management for Aquaculture (shrimp and fish), Fish and shrimp's Biology and Physiology;

Role of women in Aquaculture and Fisheries, Occupational disease in fisheries and aquaculture.

- Attended training courses: “Farming Systems Research and Extension” at Can Tho province organized by CanTho University and IRRI in 1993; “Artemia and Larval Feeding” at Phetchaburi, Thailand organized by Thailand Fisheries Department and The Belgium Administration Cooperation in 1996; and “Agro-ecosystem” at California, USA organized by University of California Santa Cruz funded by Ford Foundation.
- Attended and had oral presentations at many international conferences organized in America, Korea, Thailand, Malaysia, Indonesia, India, China, Laos. I am also invited to be as panel member for the Drivers and Synergies panel at Global Conference on Inland Fisheries, held in Rome at the Food and Agriculture Organization of the United Nation’s headquarters.

2. Published papers

1. Hoa, N.P., Lin, C.K., 1997. Effects of salinity on red tilapia in fertilization pond. The 2th Vietnamese-Hungarian Proceeding on Animal Production and Aquaculture.
2. Hòa, NP, Yên, L.H. và Muôn, L.T.T., 1999. Role of women in fisheries Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city. 127- 130. (Vietnamese version)
3. Hòa, N.P., Thảo, B.T.P., Loan, T.K., Quang, Đ.M., 2003. Effect of using domestic waste on aquaculture and fish farmers. Proceeding of National Aquaculture Conference. Agricultural Publishing House. 659- 666. (Vietnamese version)
4. Hòa, N.P., 2006. Investigate on food selectivity of marble goby (*Oxyeleotris marorata*). Scientific Journal of Cantho University – Aquaculture Specific (1): 275-280 (Vietnamese version)
5. Hoa, N.P, Yi , Y, 2007. Prey ingestion and live food selectivity of marble goby (*Oxyeleotris marorata*) using rice field prawn (*Macrobrachium lanchesteri*) as prey. Aquaculture 273: 443-448.
6. Hoa, N.P, Yi , Y, 2007. Overview of marble goby (*Oxyeleotris marorata*) culture in Asia. The 5th Vietnamese-Hungarian Proceeding on Animal Production and Aquaculture.
7. Hoà, N.P., Yi, Y., Hùg, L.T., 2008. Prey capture sense and digestibility of marble goby (*Oxyeleotris marmorata* Bleeker 1852). Scientific Journal of Cantho University – Aquaculture Specific (1): 112- 118 (Vietnamese version)

8. Hòa, N.P., Tâm, D.H., 2008. Current status of marble goby culture at Tan Thanh commune, Ca Mau city, Ca Mau province. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city. 163 - 167 (Vietnamese version)
9. Hòa, N.P., Thong VT, Phat, NV, 2009. Preliminary study on using pellet feed for marble goby. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city. (Vietnamese version)
10. Hòa, N.P. and Phụng, TTT, 2011. Effect of aeration and nutrition on biomass and size of *Moina*. Proceeding of Mekong River Commission.
11. Hoa, N.P., Truc, N.T.T., Hai, L.Q., Yi, Y. 2010. Searching cues and effects of photoperiod and deprivation conditions on prey intake of marble goby to different prey types. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city. (English version) no.4
12. Hoa, N.P., Yi, Y., 2010. Foraging behavior of marble goby (*Oxyeleotris marmorata*, Bleeker 1852) fingerlings to different prey types. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (English version), no.4
13. Hung, L.T., Luong, VC, Hoa, N.P., Diana, J., 2011. Impacts of the Introduction of Alien Tilapias (*Oreochromis spp.*) on the fisheries and biodiversity of indigenous species in Tri An reservoir, Vietnam. Proceeding of 9th International Symposium on Tilapia in Aquaculture. ISBN 978-1-888807-19-6
14. Hoa, N.P., Yi, Y., 2010. An overview of marble goby (*Oxyeleotris marmorata* Bleeker) culture in Asia. . Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (English version), no.4
15. Hòa, N.P. et al, 2011. Effect of aeration and feed type to *Moina* biomass production. Proceeding of Mekong Fisheries.
16. Hòa, N.P. et al, 2011. Investigation of gas emission and fish pond 's sludge treating by biogas digester. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (English version), no.4
17. Hòa, N.P. et al, 2011. Effects of some cultured media on the growth of *Microcystis* sp. under laboratory conditions. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (English version), no.4

18. Hòa, N.P. et al, 2011. The occurrence of *Microcystis* (Cyanophyta) algae and microcystin toxin in small ponds of *Pangasius* catfish in Mekong Delta. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (English version), no.4
19. Hòa, N.P. et al, 2011. Fish stocking feasibility based on natural food sources in irrigation reservoirs. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (English version), no.4
20. Hòa, N.P. et al, 2011. Chemical compositions of marble goby (*Oxyelotris marmorata* Bleeker 1852) at Thanh Phu district, Bentre province and Tri An reservoir, Dong Nai province. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (English version), no.4
21. Hòa, N.P. et al, 2011. Fish composition in small reservoirs at Dong Nai and Binh Phuoc province. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (Vietnamese version), no.4
22. Nhien, L.H., Huong, D.T.T., Hoa, N.P., Tuan, N.A., 2012. Effects of salinity and kinalux pesticide on Cholinesterase (ChE) of marble goby fingerling (*Oxyeleotris marmorata* Bleeker, 1852). Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (Vietnamese version), no.3
23. Nguyen Thi Thanh Truc, Vo Thị Thanh Binh, Le Thi Ngoc Han, Nguyen Phu Hoa and Duong Nguyen Khang, 2012. Using of water fleas (*Moina* sp.) biomass and aquatic plant (*Jussiaea repens* l.) to treat wastewater from tra catfish (*Pangasianodon hypophthalmus*) ponds. Livestock Research for Rural Development
24. Luong, V.C., Hoa, N.P., Hung, L.T., 2013. Productivity evaluation of fish caught at Tri An reservoir based on fishing gears and fish species composition. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (Vietnamese version), no.2
25. Nguyen, N.C., Duc, T.N., Hoa, N.P., Hai, N., Trung, V., 2015. Selection of *Dunaliella salina* and light stress conditions for carotene, phenolics and antioxidant capacity. Journal of Advances in Food Science and Technology. Volume 2, issue 3: 97-102
26. Bien, T.T.L., Hoang, T.P.T., Quyen, N.V., Hoa, N.P. 2016. Study the hydrolysing of soldier fly (*Hermetia illucens*) 's worm by protease and producing its high protein

- meals. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (Vietnamese version), no.1
27. Huy, H.Q., Hoa, N.P., 2016. Utilization of biodigester's effluent based on pangasius pond sludge as fertilizer source for nursing tilapia fingerlings. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (Vietnamese version), no.2
28. Hoa, N.P., Dung, N.V., 2016. Utilizing the black soldier fly larvae/pre-pupae (*Hermetia illucens*) in feeds for snakehead fish (*Chana micropeltes*). Vietnam Journal of Agricultural Science. Volume 14, no. 4: 590- 597
29. Lynch, A.J., Beard, T.D., Cowx, A., Zanic, Z., Phang, S.C., Arantes, C.C., Brummet, R., Crawmwinckel, J.F., Gordon, L.J., Husen, M.A., Liu, J., Hoa, N.P., Safari, P.K., 2016. Drivers and synergies in the management of inland waters: Searching for sustainable solutions for fish. Proceeding of the Global Cross-Sectoral Conference: Freshwater, Fish and The Future. Published by FAO, Michigan State University and American Fisheries Society. ISBN 978-92-5-109263-7, 351p.
30. Paukert, C.P., Lynch, A.J., Beard, T.D, Chen, Y., Cooke, S.J., Cooperman, M. S., Cowx, I.G., Ibengwe, L., Infante, D.M., Myers, B. J. E., Hòa, N.P., Winfield, Ian J., 2017. Designing a global assessment of climate change on inland fish and fisheries: knowns and needs, Volume 27, Issue 2, pp 393–409
31. Tung, V.P., Bao, N.V., Tu, N.V., Hoa, N.P., 2017. Investigating the effects of different feed and probiotics on the survival and growth of goby (*Oxyeleotris marmorata* Bleeker 1852) 3-45 days old. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (Vietnamese version), no.2
32. Hoa, N.P., Nguyen, N.Q.D., 2018. The effect of the N/P ratios on the growth of cyanobacteria at different salinities. Vietnam Journal of Science and Technology, Volume 60, issue 2, pp 49-52
33. Tung, V.P., Bao, N.V., Tu, N.V., Hoa, N.P., 2018. Effect of salinity and stocking density on nursing marble goby (*Oxyeleotris marmorata* (Bleeker 1852) 3-45 days old. Journal of Agricultural Science and Technology. Nong Lam University (or University of Agriculture and Forestry) Hochiminh city (Vietnamese version), no.2
34. Van, Nguyen Thi Bich, Tu, Nguyen Phuc Cam, Nhan, Dinh The, Hoa, Nguyen Phu, 2018. Studying the status of culturing techniques and estimation of the ability to assimilate organic carbon, nitrogen and phosphorus from feed in intensive white leg shrimp (*Litopenaeus vannamei* Boone, 1931) ponds in Bac Lieu province. Vietnam Journal of Science and Technology, Volume 60, issue 4

35. Huong, Hoang Thi My, Nhung, Tran Thi Kim, Khoa, Ton That, Hiep, Le Quang, **Hoang Nguyen Phu**, 2018. Investigating the status of lobster cage culture and environment quality at Xuan Dai bay, Phu Yen province. Vietnam Journal of Science and Technology, Volume 60, issue 6
36. Hoàng Thị Mỹ Hương & **Nguyễn Phú Hòa**, 2019. Evaluation of current status and awareness level of farmers rearing lobster in Xuan Dai bay, Phu yen province. Journal of Technical Education Science, No. 55.
37. Trương Phước Thiên Hoàng, Trần Ngọc Linh Thùy, Phạm Công Hoạt, **Nguyễn Phú Hòa**, 2019. Investigation of ammonia metabolizing *Bacillus sp.* isolated from bottom mud at lobster culture areas, phu yen province. Journal of Agriculture and Rural Development. No 1.
38. Trần Thị Kim Nhung, Trương Thị Kim Hằng, Đặng Thị Thanh Hòa, Phạm Thanh Lưu, **Nguyễn Phú Hòa**, 2019. Investigation of plankton composition in lobster cage at Xuan dai bay, Phu yen province. Journal of Agriculture and Rural Development. No 6.
39. Nguyễn Thị Bích Vân, Nguyễn Phúc Cẩm Tú, **Nguyễn Phú Hòa**, 2018. Investigation the water quality of white leg shrimp (*Penaeus vannamei* Boone, 1931) ponds cultured at different density in Bac lieu province. Journal of Agriculture and Rural Development. No 8.
40. Nguyễn Tuấn Anh, Vũ Cẩm Lương, **Nguyễn Phú Hòa**, 2019. Species composition of mangrove crabs belongs to family Sesarmidae in Can gio mangrove forest of Ho Chi Minh city. Journal of Agriculture and Rural Development. No 19.
41. Nguyễn Bình An, Phạm Ngọc Tuấn, **Nguyễn Phú Hòa**, Nguyễn Tấn Phong, Phan Phương Trình, 2020, Studying, developing and evaluating the effectiveness of UV water disinfection systems. Journal of Vietnam Engineering (accepted)
42. Hoàng Thị Mỹ Hương, **Nguyễn Phú Hòa**, 2019. Nghiên cứu đánh giá hiện trạng và mức độ nhận thức của người nuôi tôm hùm lồng bè thuộc vịnh Xuân đài tỉnh Phú Yên. Tạp chí Khoa học Giáo dục Kỹ thuật, số 55/2019
43. Trương Phước Thiên Hoàng, **Nguyễn Phú Hòa**, 2019. Phân lập vi khuẩn *Bacillus sp.* có khả năng chuyển hóa ammonia từ bùn đáy nuôi tôm hùm lồng bè tỉnh Phú Yên. Tạp chí Nông nghiệp và Phát triển Nông thôn, số 1/2019
44. Trần Thị Kim Nhung, Đặng Thị Thanh Hòa, **Nguyễn Phú Hòa**, 2019. Khảo sát phiêu sinh vật trong nước vùng lồng bè nuôi tôm hùm tại vịnh Xuân Đài, Phú Yên. Tạp chí Nông nghiệp và Phát triển Nông thôn, số 6/2019
45. Nguyễn Tuấn Anh, **Nguyễn Phú Hòa**, 2019. Thành phần loài còng thuộc họ Sesarmidae ở rừng ngập mặn Cần Giờ Thành phố Hồ Chí Minh. Tạp chí Nông nghiệp và Phát triển Nông thôn, số 19/2019
46. **Nguyễn Phú Hòa**, Nguyễn Phúc Cẩm Tú, 2019. Đánh giá việc thu chất thải từ chất thải từ các lồng nuôi tôm hùm tại Vịnh Xuân đài, tỉnh Phú yên. Tạp chí Nông nghiệp và Phát triển Nông thôn, số 23/2019

47. Huỳnh văn Đức, **Nguyễn Phú Hòa**, 2020. Hiện trạng khai thác và nuôi trồng cá Sát sọc *Pangasius macronema* Bleeker, 1850 ở tỉnh Tiền Giang. Tạp chí Nghề cá Sông Cửu Long số 16/2020
48. Nguyễn Thị Mỹ Dung, Lê Công Trứ, **Nguyễn Phú Hòa**, Nguyễn Tấn Phùng Các yếu tố tác động lên phát triển bền vững sinh kế nghề nuôi cá măng sứa *Chanos chanos* ở vùng biển Đông Nam Việt Nam. Tạp chí Nghề cá Sông Cửu Long số 16/2020
49. Nguyễn Thị Mỹ Dung, **Nguyễn Phú Hòa**, Phan Quỳnh Trâm, 2020. Nghiên cứu đặc điểm hình thái quần thể cá Măng sứa *Chanos chanos* (Forsskal, 1977) ở vùng biển đông nam Việt Nam. Tạp chí Bộ KHCN 62 (9)
50. Nguyễn Thị Mỹ Dung, **Nguyễn Phú Hòa**, Nguyễn Văn Trai, 2020. Hiện trạng khai thác và phát triển nuôi cá măng sứa (*Chanos chanos*) ở vùng biển Đông Nam Việt Nam. Tạp chí Nghề cá Sông Cửu Long số 17/2020
51. Nguyễn Thị Mỹ Dung, **Nguyễn Phú Hòa**, Nguyễn Văn Trai, 2020. Tiềm năng của vùng biển Đông nam Việt Nam trong phát triển nghề nuôi cá Măng sứa (*Chanos chanos*). Tạp chí Nông nghiệp và Phát triển Nông thôn , số 11/2020

V. Projects involved

<i>No</i>	<i>Project title</i>	<i>Period</i>	<i>Fund source</i>	<i>Coordinator /Member</i>
1	Role of women in fisheries	1998 - 2000	Vietnameses Ministry of Education and Tranining (MOET)	Coordinator
2	Deep water aquaculture	1992- 1998	Sida	Member
3	Aquaculture planning for Binh Phuoc Province	1996 - 1997	Province	Member
4	Small scale aquaculture development in south east region of South Viet nam	1993 - 2003	Sida - Danida	Member
5	Aquaculture planning for Dong Nai Province	1998 - 1999	Province	Member
6	Aquaculture planning for Binh Duong Province	2000 - 2001	Province	Member
7	Investigation on the using of domestic waste water for aquaculture and health of aquaculturist at Binh chanh district, Hochiminh city	2001 - 2002	MOET	Coordinator
8	Development Suburban aquaculture for Hochiminh city	2003 - 2005	EU	Member
9	Feeding behavior of marble goby fingerling with different	2005 - 2007	AIT	Coordinator

	prey types			
10	Nursing marble goby (<i>Oxyeleotris marmorata</i>) in cement tank	2007 - 2010	MOET	Coordinator
11	Impacts of the Introduction of Alien Tilapias (<i>Oreochromis spp.</i>) on the fisheries and biodiversity of indigenous species in Tri An reservoir, Vietnam.	2008 - 2009	USAID	Member
12	Planning for Reservoir Aquaculture of Vietnam to the year of 2020	2007 - 2009	Vietnamese Ministry of Agriculture and Rural Development (MARD)	Member
13	Establish the model of integrated shrimp culture for preventing pollution	2009-2011	MOET	Member
14	Use of soldier fly (<i>Hermetia illucens</i>) pupae reared in different manure sources as protein source for hybrid catfish (<i>Clarias sp.</i>) culture	2010 -2011	Sida	Coordinator
15	The impact of fish stocking on wild fish populations, fish production and aquatic environment in irrigation reservoirs in South Vietnam	2010- 2011	USAID	Co - PI
16	Evaluate the biochemical compositions and some of physiology characters of marble goby (<i>Oxyeleotris marmorata</i>)	2010 - 2011	MOET	Coordinator
17	Investigation the toxic of microcystin from green algae at some water body in Mekong delta and study its impacts on Pangasius fingerlings	2011 - 2012	MOET	Member
18	Investigate gas emission from Pangasius pond 's sludge in biogas system	2011 - 2012	Sida	Coordinator
19	Investigation the effects of some water quality parameter on growth of cyanobacteria in shrimp ponds at Can gio	2013 - 2014	Department of Science and Technology of Ho Chi Minh	Coordinator

	district, Ho chi minh city		city, Viet Nam	
20	Investigating the solution for improving survival rate of marble goby (<i>Oxyeleotris marmorata</i> Bleeker 1852) at rearing period of 3 – 45 day old	2014 - 2016	MOET	Coordinator
21	Investigating the solution for pollution treatment and environmental management at lobster farming areas	2015 - 2018	MOST	Coordinator
22	Studying, designing and manufacturing a system of equipment to suck waste from shrimp ponds	2016 - 2018	National University of Ho Chi Minh city	Member
23	Research and development of automatic monitoring system and treatment of shrimp water environment by combining UV - Electromagnetic fields - Ozone and biological methods	2017 - 2019	MOST	Member
24	Study on the conservation and exploitation of genetic resources of <i>Boesemania microlepis</i> (Bleeker, 1858) in An Giang province	2017 - 2021	Department of Science and Technology of An Giang province	Coordinator