

## Curriculum Vitae

<p><b>1. Family Name:</b> <b>Trinh Dinh</b></p> <p><b>2. First Name:</b> <b>Khuyen</b></p> <p><b>3. Date of Birth:</b> July 13<sup>th</sup>, Year 1978</p> <p><b>4. Nationality:</b> <b>Vietnamese</b></p> <p><b>5. Civil Status:</b> Married</p> <p><b>6. Education / Professional studies:</b> <b>Aquaculture</b></p>	
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Period	Name and address of the institution	Field of studies	Qualifications obtained	Grade/ results
<b>1997-2001</b>	Nha Trang Fishery University, Research Institute for Aquaculture N <sup>o</sup> 1 (The corporation on educating of Nha Trang Fishery University, Asian Institute of Technology (AIT – Thailand) and research Institute for Aquaculture N <sup>o</sup> 1)	Aquaculture	Bachelor of science on Aquaculture	Excellent
<b>2007- 2009</b>	MSc Student of Master of Sciences of Aquaculture laboratory and Artemia Reference, Ghent University, Belgium	Aquaculture	Master degree of Aquaculture	Obtain degree
<b>2014 - 2018</b>	PhD student at Namur University, Belgium	Aquaculture	Doctor degree	Doctor of Science

## **7. Language skills: English**

<u>Language</u>	<u>Listening</u>	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
Good	Good	Good	Good	Good

## **8. Other Skills:**

- I actively took part in and am interested in the activities of scientific advances transfer in the field of aquaculture for farmers: teaching for short term practical training course, introducing progressive model, distributing technical guide documents on rearing fish for localities: Cam Giang, Thanh Ha district of Hai Duong province, Vu Thu, Quynh Phu, Dong Hung, Thai Thuy districts of Thai Binh province.

- I am a young lecturer having passion for study and drawing experience, enthusiastic in work, mixed with people and loved by people. Furthermore, I can develop effectiveness in work when working in team.

## **9. Present position within the organisation:**

Lectural at Aquaculture Department –Faculty of Fisheries

Vie - Director of Institute of Ornamental Organism Science (IOOS)

## **10. Years with the organisation:**

One year staff of Research Institute of Aquaculture N°1 (RIA.1) in 2002 and 18 years staff member of Aquaculture Department, National University of Agriculture (VNUA; seen 2003 up to now).

## **11. Key Qualifications:**

- Organization that granted the scholarship (Agricultural Research Institute of France CIRAD) EGIDE Organization address: **4 rue Jules Ferry - Montpellier**

*Name of the program:*

ASIANPROECO PROGRAMME/E3P - Environment Protection & Pig Production)

***Name of the school or university:***

CIRAD – EMVT – 34398 Montpellier Cedex 5 France  
CEMAGREF center (TA 30/01 Avenue Agropolis 34398 Montpellier - France)  
Title of training course: ***“Theoretical and practical on controlling sex of Tilapia, current method and future approaches”***

Country / Pays: **France**

Duration of the scholarship / Durée de la bourse: One month  
(From November 2<sup>nd</sup>, 2005 to December 01<sup>rst</sup>, 2005)

- **Belgium Technical Cooperation Scholarship for 2 years Master of Sciences, Student of Aquaculture at Laboratory of Aquaculture and Artemia Reference, Ghent University, Belgium.**

## **12. Experience in Specific Asian countries**

- Professor assistant of the subjects "Technique of breeding" "Fish Genetics and selection breeding" to students of aquaculture branch, Faculty of animal and Aquaculture science; Assistant subject of General aspects of aquaculture to student from Faculty of Veterinary medicine; Defence Education; Economic & Rural development; Natural Resource and Environment at National University of Agriculture (VNUA) and other training schools.
- Guiding probationary students at laboratory, organizing practical lessons, making subjects for scientific research, graduation probation.
- Participating in consultancy of bettering training plans and aquaculture training programs at the National University of Agriculture.
- Participating in the training program on technique of raising fish for the people in the provinces of Thai Binh, Hai Duong and Son La.

- Directly participating activities of scientific research at school and at the same time actively making the cooperation of scientific research with other science organizations locally and internationally.

### **13. Professional Experience Record**

- Artificial breeding and nursery of Common carp in ponds culture (during student courses at Research Institute of Aquaculture.N<sup>o</sup>1).
- Practical in breeding programme of some local fish of grass carp, silver carp in Me Linh Fisheries Station in the North of Vietnam (during the 6 months of real practical before University graduate).
- Artificial inducing, breeding and raising the school of livestock of Cobia (Blacking fish) and Grouper in Cat Ba Island – Hai Phong – Viet Nam (2001-2002).
- Research on the influence of some industrial feeds produced at Research Institute Aquaculture N<sup>o</sup>.1, industrial feed produced in Taiwan, redundant and small fish on growth process of the Cobia school from three-month old to one year old (participation).
- Research on using Animal waste from Pig production to fertilizer fish ponds in Thai Binh province in the North of Vietnam in 2005.
- Artificial breeding and growing of clamber anabas in Dinh Bang Aquaculture production in the North of Viet Nam (during 2004-2005).
- Experiment on using of earth worm and artificial feed in growing *Hemibagrus elongates* carry out in Laboratory of Aquaculture department, VNUA (during 2010-2011).

#### **\* Co-operation Projects:**

- Research on selective and breeding activities to improve the grow rate and breeding abilities of Nile Tilapia (*Oreochromis niloticus*) culture in Brackish

Water Region. Project was taking at Station of Fisheries in Brackish Water in Hai Phong- Viet Nam.

- Experiment on artificial culture of *Pisodonophis boro* (F. HAMILTON, 1822) by using fresh-small fish in combine with industrial feeds to markets size. Experiment carried out at Station of Fisheries in Brackish Water in Hai Phong – Viet Nam.

- Belgium International University Attaction Poles (IAP)-“AquaStress project” during 2014-2018 at University of Namur, Belgium.

#### **14. Publication**

\* **Olivier Mikolasek, Trinh Dinh Khuyen, Jean-Michel Medoc, Vincent Porphyre, 2009.** “*The ecological intensification of an integrated fish farming model: Recycling pig effluents from farms in Thai Binh province (North Vietnam)*” Cahiers Agricultures. Volume 18, Number 2-3, 235-41, Piscicultures : le poisson de demain, Étude originale

\* **Mikolasek O., Guérin G., Lopez A., Dinh Khuyen T., Trong Huy P., Trung Dien N, 2005.** “*Local fish farming practices and a typology of farms based on organic matter intake management*” **Scientific Book chapter book title:** Pig Production Development, Animal-Waste Management and Environment Protection: a Case Study in Thai Binh Province, Northern Vietnam commercial editor: CIRAD-PRISE publications publication date: 2006 page: 107-125 Scientifics editor: V.Porphyre , Nguyen Que Coi.

\* **Master Thesis** “*Phenotypic characterization of post-hatching development in European sea bass (*Dicentrarchus labrax*), reared under xenic and axenic condition*”. (Promoters 1: **Prof. Dr. Dominique Adriaens**, Department of Biology Evolutionary Morphology of Vertebrates, Faculty of Sciences, Ghent University and Promoter 2: **Prof. Dr. ir. Peter Bossier** Laboratory of

Aquaculture and Artemia Reference, Faculty of Bio- Engineering, Ghent University, Belgium.

\* **Le Minh Toan, Vu Van Sang** from Research Institution of Aquaculture N<sup>o</sup>.1 (RIA.1); **Trinh Dinh Khuyen**: National University of Agriculture (VNUA). *Effect of salinity on reproductive performance of selective Nile Tilapia (*Oreochromis niloticus*) growing in brackish water in Hai Phong – Viet Nam. Journal of Science and Development, ISSN: 1859-0004. Vol. 10, N<sup>o</sup>. 7, 2012, Page 993-999*, National University of Agriculture Vietnam).

\* Valérie Cornet, Trinh Dinh Khuyen, Syaghalirwa. N. M. Mandiki, Stéphane Betoulle, Peter Bossier, Felipe E. Reyes-Lopez, Lluís Tort and Patrick Kestemont: GAS1: A New  $\beta$ - Glucan Immunostimulant Candidate to Increase Rainbow Trout (*Oncorhynchus mykiss*) Resistance to Bacterial Infections With *Aeromonas salmonicida* achromogenes. *Frontier Immunology ORIGINAL RESEARCH* published: 06 July 2021;doi: 10.3389/fimmu.2021.693613

\* Trinh Dinh Khuyen, Syaghalirwa N.M.Mandiki; Valérie Cornet, Jessica Douxfils; Stéphane Betoulle; Peter Bossier; Felipe E.Reyes-López, LluísTort, Patrick Kestemont: Physiological and immune response of juvenile rainbow trout to dietary bovine lactoferrin. *Fish & Shellfish Immunology*; Volume 71, December 2017, Pages 359-371.

\* Trần Thị Năng Thu\*, Mai Văn Tùng, Nguyễn Công Thiết, Trịnh Đình Khuyên, Đỗ Thị Ngọc Anh Use of Faba Beans (*Vicia faba* L.) in Crisp Tilapia Culture. *Vietnam J. Agri. Sci.* 2022, Vol. 20, No. 1: 47-55

\* Nguyen Thi Hong Ngoc, Cao Truong Giang, Vu Van Sang, Le Phu Tuan, Vu Van In, Le Duy Khuong, Trinh Dinh Khuyen: The effectiveness of probiotics on management of water in culturing of white leg shrimp. *Science of Technology Journal of Agriculture & Rural Development, Vietnam.* October, 2021.

**15. Certification** I, the undersigned, certify that, to the best of my knowledge and belief, this bio-data correctly describes myself, my qualifications and experiences, I understand that any will full miss-statement described herein may lead to my disqualification or dismissal, if employed.

I certify that I am a full-time employee at National University of Agricultural (VNUA).

Signature

Date of signing: March, 5<sup>th</sup> 2022

Trinh Dinh Khuyen