



CURRICULUM VITAE

I. BIO-DATA

Full name: **TRAN SY NAM** Gender: male
Date of birth: 24/03/1982 Place of birth: *Soctrang City*
Father's birthplace: Hatinh province Nationality: Vietnamese
Highest degree: Master Year earned: 2010
Position: Lecturer
Workplace: *Department of Environmental Science, College of Environment and Natural Resources, Cantho University*
Residence address: *36 B13, 91B Residential Area, Ankhanh ward, Ninhkieu District, Cantho City, Vietnam*
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II. EDUCATIONAL BACKGROUND

1. Undergraduate education

Type of training: 4.5 years (Full time)
Major: Environment and Natural Resource Management
Year earned: 2005
Institution awarding degree: Cantho University Country: Vietnam
Thesis title: "Relationship between water quality and zoobenthos in fishing farming area in An Giang province"

2. Graduate education

M.A. degree in: Environmental Sciences Year earned: 2010
Institution awarding degree: Cantho University
Country: Vietnam.
Title of thesis: "Effects of alpha-cypermethrin on enzyme cholinesterase and growth of climbing perch (*Anabas testudineus*)"

PhD. in: Environmental Sciences from: 2011 to 2016

Major: Soil and water environment

Thesis title: “Sustainable biogas production from waste rice straw and water hyacinth”

Successfully defend on 30 Dec 2016 at Cantho University

3. Foreign languages

English Level of proficiency: IELTS 6.0

4. Certificates:

- *Advanced laboratory training in quality control, and Analysis of elements in soil, plants and waters* in January to March 2007. Organized by CAULES in Aarhus University, Denmark.
- *Methods of soil chemistry analysis* in 17th July - 6th September 2006. Organized by CAULES Cantho University, Vietnam.
- *Practice on Microbiology analysis* in September 2006. Organized by CAULES. Cantho University, Vietnam.
- *Water chemistry analysis and the use of quality control* in 3rd-9th March 2006. Organized by CAULES. Cantho University, Vietnam.
- **Transformer Oil Sampling and Analysis of PCBs by Screening Methods** in 2010. Organized by Vietnam Environment Administration and Institute of Environment Technology, Vietnam
- *Integrated Waste Management* training course in November 2008. Organized by ASIAN Link project, Cantho University, Vietnam.

5. Publications

- **Nam TS**, Nga TT. Relationship between water quality and zoobenthos in fishing farming area in An Giang province, *Scientific Journal of Cantho University -College of Agriculture and Applied Biology*, 269:276, 2006.
- Cong NV, **Nam TS**, Hung PNT, Phuong NT. Effects of temperature and dissolved oxygen on toxicity of Basudin 50EC on snakehead fish (*Channa striata*, Bloch 1793). *Scientific Journal of Cantho University –special volume, part 2, 1-12, 2006*
- Nga T. T, Hang VTK, Thuan N. C., **Nam TS** and Loc NX, 2007. Accumulation of nitrogen, phosphorous, and heavy metal in *Enydra fluctuans*, *Eichhoria crassipes*; and nitrogen, phosphorous balance in constructed wetland. *Scientific Proceedings: Sustainable development in the Mekong delta - Can Tho University, October 2007, 305:313.*
- Cong NV, Vu NT, **Nam TS**. Sensitivity of cholinesterase activity in *Anabas Testudineus* to diazinon và Fenobucarb. *Scientific Journal of Ho Chi Minh City University of Education*, 2008 (14), 69:79.
- Bùi Thị Nga, Phạm Việt Nữ, **Trần Sỹ Nam**, Cô Thị Kính. Water quality at My Phung hamlet, My Khanh Village, Cantho City. Research on rural development base on clean development mechanism. Cantho University Publisher 2012 (91:108)

- Lê Tuyết Minh, Cô Thị Kính, Nguyễn Tấn Tài, Nguyễn Thị Thuý Oanh, **Trần Sỹ Nam** và Nguyễn Hữu Chiêm. The current status of using and maintaining biogas digester system in Cantho City. Research on rural development base on clean development mechanism. Cantho University Publisher 2012 (189:202)
- Lê Tuyết Minh, **Trần Sỹ Nam**, Trần Chân Bắc, Ngô Thụy Diễm Trang, Nguyễn Thị Như Ngọc, Lê Anh Kha, Nguyễn Hữu Chiêm. The demand of concrete biogas digester and plastic biogas digester in some districts in Cantho City. Research on rural development base on clean development mechanism. Cantho University Publisher 2012 (203:213)
- Nguyễn Văn Công, **Trần Sỹ Nam**, Nguyễn Hữu Chiêm. The current status of aquaculture at My Phung hamlet, My Khanh Village, Cantho City. Research on rural development base on clean development mechanism. Cantho University Publisher 2012 (158:174)
- Nguyen Vo Chau Ngan, Tran Sy Nam, Nguyen Huu Chiem, Le Hoang Viet, Nguyen Thi Thuy, Kjeld Ingvorsen, 2015. Paddy straw application for energy production to reduce in situ straw burning in the Mekong delta of Vietnam. In International conference on Solid Wastes 2015: Knowledge transfer for Sustainable resource management in at Hong Kong Baptist University, Hong Kong SAR, P.R. China, ISBN 978-988-19988-9-7.
- Tran Sy Nam, Huynh Van Thao, Nguyen Phuong Chi, Nguyen Vo Chau Ngan, Nguyen Huu Chiem and Kjeld Ingvorsen, 2015. Improved biogas production from water hyacinth by co-digestion with pig manure – effect of pretreatment. In Proceeding the 3rd International Symposium on Formulation of the Cooperation Hub for Global Environmental Studies In the Indochina Region & The 10th Inter-University Workshop on Education and Research Collaboration in the Indochina Region at Danang University. p66.
- Tran Sy Nam, Huynh Cong Khanh, Huynh Van Thao, Nguyen Vo Chau Ngan, Le Hoang Viet, Nguyen Huu Chiem and Kjeld Ingvorsen, 2015. Biogas production from rice straw and water hyacinth – the effect of mixing in semi-continuous reactors. Journal of Science and Technology, Vietnam Academy of Science and Technology, Vol 53(3A): 217-222.
- Nguyen Vo Chau Ngan, Tran Sy Nam, Nguyen Huu Chiem, Le Hoang Viet and Kjeld Ingvorsen, 2015. Effects of C/N ratios on anaerobic co-digestion of pig manure and local biomass in the Mekong delta. Journal of Science and Technology, Vietnam Academy of Science and Technology, Vol 53(3A): 223-228.
- Tran Sy Nam, Huynh Van Thao, Huynh Cong Khanh, Nguyen Vo Chau Ngan, Le Hoang Viet, Nguyen Huu Chiem and Kjeld Ingvorsen, 2015. The components of volatile fatty acids in semi- continuous anaerobic co-digestion of rice straw and water hyacinth and pig manure. Journal of Science and Technology, Vietnam Academy of Science and Technology, Vol 53 (3A): 229-234.
- Ngo Thi Thanh Truc, Tran Sy Nam, Nguyen Vo Chau Ngan, Jan Bentzen, 2017. Factors Influencing the Adoption of Small-scale Biogas Digesters in Developing

6. Expertise and research interests

6.1. Last five year's research interests.

- Clean Development Mechanism (CDM): CH₄ and N₂O emission from rice field; surveying on biogas demands of farmer, installing small-scale biogas digester, and treating wastewater from biogas digester;
- Quality assessment of soil, water and air;
- Assessment of wastewater treatment;

6.2. Research grants received:

List all the research grants/projects received/participated during the last 5 years

No	Project name	Funding institution	Project duration	Position/role in the project
1	Removing Arsenic in groundwater by ozone treatment	Cantho University	2008-2009	Chairman
2	Research and development of small-scale clean drinking water supply system that can treat high turbidity raw water without chemicals	NEDO – Japan	2009-2010	Member
3	Wastewater treatment efficiency of constructed wetland using <i>Enydra fluctuans</i> , and <i>Eichhorhria crassipes</i>	Ministry of Education and Training	2006-2008	Member
4	Environmental awareness improvement for community in avoided flooding residential areas	Ministry of Education and Training	2009-2010	Member
5	Rural development based on Clean Development Mechanism	JIRCAS - Japan	2008-2011	Member
6	Using enzyme cholinesterase for assessment contaminated water by pesticide and their effects on snake head fish (<i>Channa striata</i>)	Hau Giang province - Vietnam	2010-1011	Member
7	Study on endangered species distribution & conservation in the Mekong delta provinces (IUCN and Vietnamese redlist)	WWF Việt Nam	2012	Member
8	Consultant for establishing water quality laboratory in Soc Trang and Ca Mau province	CARE	2012	Member
9	Consultant and training on water quality assessment in Ben Tre province	OXFAM	2013	Member

10	Conducted pSIA and BEIA including IUCN red list in compliant with ASC requirements at Quocviet Shrimp farm in Camau	WWF Việt Nam	4/2014	Member
11	Environmental Management Plan of Organic Shrimp Farming in Ca Mau for compliance with International Organic Shrimp Standards	SNV	2014	Member
12	Member of Modern Rural Development Center in Mekong Delta (MRDC)	MRDC	06/2013-now	Member
13	Conducted pSIA in compliant with ASC requirements at Hung Ca farm, Thanh Binh, Dong Thap.	SUPA-WWF VN	10/2014	Member
14	Conducted pSIA and IUCN red list in compliant with ASC requirements at Vinh Hoan farm	SUPA-WWF VN	11/2015	Member
15	Updating endangered species distribution & conservation in the Mekong Delta provinces	WWF Việt Nam	2016	Member
16	Consultant on Design template report and tools for conduct Biodiversity – Environment Impact Assessment (BEIA) in comply with ASC Shrimp Standard	WWF Việt Nam	2016	Member

III. WORK EXPERIENCES

Date	Workplace	Responsibilities
12/2008 – up to now	Department of Environment Science – College of Environment and Natural Resources - Cantho University	- Lecturer – Head of laboratory - Teaching subjects: + Environmental chemistry + Quality assessment of soil, water and air
04/2007 to 12/2008	CAULES Project (Cantho University -Aarhus University Link in Environmental Science Project) - Department of Environment Science - College of Environment and Natural Resources - Cantho University	- Project researcher - Laboratory technician - Teaching in practice
01/2007 to 3/2007	Department of Biological Sciences – Plant Biology - Aarhus University, Denmark.	- Advanced laboratory training in quality control, and Analysis of elements in

		soil, plants and waters
04/2005 to 12/2006	CAULES Project (Cantho University -Aarhus University Link in Environmental Science Project) - Department of Environment and Natural resource management - College of Agriculture and Biology Applied - Cantho University	- Project researcher - Laboratory technician - Teaching in practice

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications and my experiences.

Full name: Tran Sy Nam

Signature: