CURRICULUM VITAE

1. Personal information

- Full name: **HUYNH CONG KHANH**
- Date of birth: December 02, 1990 Gender: Male
- Educational degree: Master Year obtained: 2014
- My ORCID: https://orcid.org/0000-0002-8324-2763
- Home address: 74B15, Phu An residential area, Phu Thu ward, Cai Rang district, Cantho city
- Mobile phone: +84 946 891 884 E-mail: hckhanh@ctu.edu.vn

2. Administrative position: Researcher

3. Administrative organization

- Name of institution: Collecge of Environment and Natural Resources (CENRes)
- Address: Campus II, 3/2 street, Ninh Kieu district, Cantho City, Vietnam
- Telephone number: +84 2923 830635 Fax: +84 2923 831 068
- E-mail: kmttntn@ctu.edu.vn

4. Foreign languages: English **Level of proficiency:** IELTS 5.5

5. Educational profile

Degree	**Educational institution**	**Specialization**	**Graduation year**
BSc	Cantho University	Environmental Science	2012
MSc	Cantho University	Environmental Science	2014

6. Job records[1]

Duration *(from ... to ...)*	**Job title/position**	**Employer**	**Office address**
From 2014 to 2016	Worked for SubProM project and JIRCAS project	Cantho University	CENRes, Can Tho University (CTU)
From 2016 until now	- Researcher at Department of Environmental Science	Cantho University	CENRes, Can Tho University

[1] Full-time and part-time scientific works

	- Couterpart for the JIRCAS project "Development argicultural technologies for reducing Greenhouse gas emission in the Mekong Delta, Vietnam"		

7. Short training courses and certificates relevant

7.1 Short training courses

- Training analysis some biogas parameters in the laboratory. Funded by SubProM project. Organized at Department of Bioscience, Microbiology Section, Aarhus University, Ny Munkegade 116, DK-8000 Aarhus C Denmark in January 07-22th, 2018.
- Training on measuring greenhouse gas (GHG) emissions from soil and GHG concentrations using gas chromatography. Funded by JIRCAS project. Organized at JIRCAS headquarters in Tsukuba in February 09-22th, 2020.
- Training the non-conventional Water Resources: wastewater reclamation and reuse in July 5-13th, 2019. Funded by ASEAN water platform 2019 of DOCKSIDE and WANASEA project. Organized at National University of Management, Phnom Penh, Cambodia from July 5-13th, 2019.

7.2 Certificates

- Introduction to Freshwater micro-algae with a focus on Diatoms. Organized at College of Aquaculture and Fisheries, Can Tho University, Vietnam in April 2-6th, 2018.
- Remote sensing for environmental assessment. Organized at College of Aquaculture and Fisheries, Can Tho University, Vietnam in October 3-5th, 2018.
- Management of Laboratory safety. Organized by the Technical Cooperation Project, between the Japan International Cooperation Agency (JICA) and the Government of Japan and Can Tho University (CTU) on June 6th, 2019 at Can Tho University.
- Cultural exchange between Can Tho University and the School for Field Studies. Organized at Can Tho University, Viet Nam in Octover 26th, 2017.

8. Publications relevant

8.1 English version

- Tran Sy Nam, Huynh Van Thao, **Huynh Cong Khanh**, Le Hoang Viet, Nguyen Vo Chau Ngan, Nguyen Huu Chiem and Kjeld Ingorvsen, 2014. Semi-continuous anaerobic co-digestion of pig manure with rice straw and water hyacinth. Environmental Protection toward Sustainable development (143), Cantho University, 26th Sept.
- Tran Sy Nam, Huynh Van Thao, **Huynh Cong Khanh**, Le Hoang Viet, Nguyen Vo Chau Ngan, Nguyen Huu Chiem and Kjeld Ingorvsen, 2015. The components of volatile fatty acid 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.
- Tran Sy Nam, **Huynh Cong Khanh**, Huynh Van Thao, Le Hoang Viet, Nguyen Vo Chau Ngan, Nguyen Huu Chiem and Kjeld Ingorvsen, 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 Thi Kim Thoa, **Huynh Cong Khanh**, La Thinh Phu, Mai Thi Diem Huong, Nguyen Thi Huynh Trang, Do Thi My Phuong, Nguyen Xuan Loc, 2017. Greenhouse gases emission in U Minh Thuong national park, Kien Giang province. Vietnam Journal of Science and Technology, Vietnam. Academy of Science and Technology, Vol 55 (4C): 142-147.

- Kazunori Minamikawa, **Huynh Cong Khanh**, Yasukazu Hosen, Tran Sy Nam and Nguyen Huu Chiem, 2020. Variable-timing, fixed-rate application of cattle biogas effluent to rice using a leaf color chart: microcosm experiments in Vietnam. Soil Science and Plant Nutrition, 66:11, 225-234, DOI: 10.1080/00380768.2019.1665970

- Uno Kenichi, Nguyen Xuan Loc, **Huynh Cong Khanh**, Huynh Van Thao, Taminato Tomohiko, Ishido Kenji and Nguyen Huu Chiem, 2020. Effects of water management and soil type on greenhouse gases emission from rice production in An Giang province. Vietnam Journal of Science and Technology, Vietnam. Academy of Science and Technology, Vol 58 (3A): 178-186.

8.2 Vietnamese version

- Tran Sy Nam, Huynh Van Thao, **Huynh Cong Khanh**, Le Hoang Viet, Nguyen Vo Chau Ngan, Nguyen Huu Chiem and Kjeld Ingorvsen, 2015. Evaluation the possibility of using rice straw and water hyacinth in semi continuous anaerobic fermentation - the application on farm scale polyethylene biogas digesters. Journal of Science, Can Tho University, Vol 36(a): 27-35.

- **Huynh Cong Khanh**, Tran Sy Nam, Nguyen Van Dao, Nguyen Thi Ngoc Thuy, 2017. Research on using the sludge of aquatic food processing factory to compost combined with rice straw and water hyacinth. Journal of Sciences and Technology, Da Nang University, vol 3(112): 10-15.

- Bui Thi Mai Phung, **Huynh Cong Khanh,** Pham Van Toan, Nguyen Huu Chiem, 2017. Evaluation and comparison physical and chemical characteristics of soil inside and outside of the full-dyke system in An Giang province. Journal of Science, Environmental and Climate Change, Can Tho University, Vol 2017(1): 146-152

- Chiem Nguyen Huu, **Khanh Huynh Cong,** Loc Nguyen Xuan, Huynh Dinh Thi Viet, 2017. Study on the quantity and nutrients content of sediment in the full-dyke and semi-dyke system in An Giang province. Journal of Science, Environmental and Climate Change, Can Tho University, Vol 2017(1): 86-92.

- **Huynh Cong Khanh,** Nguyen Huu Chiem, Nguyen Xuan Loc, Tran Sy Nam and Yasukazu Hosen, 2019. Using effluent from biogas digesters of cow-dung for rice grow on alluvial soil. Journal of Science, Environmental and Climate Change, Can Tho University, Vol 1: 142-148

- Nguyen Van Cong, Nguyen Xuan Khue, Huynh Thi Giau, Nguyen Dang Khoa, **Huynh Cong Khanh,** Huynh Van Thao, Nguyen Thanh Giao, Tran Sy Nam, Pham Quoc Nguyen and Mitsunori Tarao, 2019. Acute toxicity and effects of Marshal 200SC on cholinesterase activity and growth perormances of tilapia *(Oreochoromis niloticus).* Journal of Science, Environmental and Climate Change, Can Tho University, Vol 1: 135-141

- Nguyen Van Cong, Tran Sy Nam, Huynh Van Thao**, Huynh Cong Khanh,** Nguyen Thi Thuy, Nguyen Van Tuoi, Pham Quoc Nguyen, 2020. Fluctuation of surface water quality in Hau River

within Mai Dam Town, Chau Thanh District, Hau Giang province. Journal of agriculture and Rural development. Vol. 02, page 97-105.

9. Research projects/programs participating

Project name *(International projects)*	**Year completed**	**Caterogy**	**Position/role in the project**
1. Sustainable production of biogas from waste rice straw (SubProM))	2018	Aarhus University, Denmark – CTU, Viet Nam	Member
2. Development of agricultural technologies for reducing greenhouse gas emissions from the Mekong Delta	2021	JIRCAS, Japan – CTU, Viet Nam	Member
3. Evaluating changes of the agro-ecological changes under great threats of the in-situ development and climate change	2020	JICA, Japan – CTU, Viet Nam	Member
National projects			
Study on Environmental impacts of full-dyke and semi-dyke system in An Giang province, Mekong Delta, Vietnam	2016	Funded by An Giang province	Member
Water quality assessment of Xang Xa No canal – Hau Giang province	2015	Funded by Hau Giang province	Member
Consultant on Design template report and tools for conduct Biodiversity – Environment Impact Assessment (BEIA) in comply with ASC Shrimp Standard	2016	Funded by WWF Viet Nam	Member
Updating endangered species distribution and conservation in the Mekong Delta provinces	2016	Funded by WWF Viet Nam	Member
A research survey on renewable energy in An Giang, Can Tho, Soc Trang, Bac Lieu, Ca Mau provinces	2019	Funded by WWF Viet Nam	Member
Characteristics of zoobenthos distribution in sediment of Hau river basin, Chau Thanh district, Hau Giang province	2020	Funded by Hau Giang province	Member

9. BOOKS AND BOOK CHAPTERS

- Tran Sy Nam, Huynh Van Thao, **Huynh Cong Khanh,** Nguyen Thi Thuy, Nguyen Huu Chiem, Le Hoang Viet. Chapter 1. Biogas overview. Page 1 – 31. Agricultural Publishing House, Vietnam. *(Vietnamese version).*

- Tran Sy Nam, Huynh Van Thao, **Huynh Cong Khanh,** Nguyen Vo Chau Ngan, Nguyen Huu Chiem, Le Hoang Viet, Kjeld Ingvorsen. Chapter 6. Biogas production from rice straw and pig manure by semi-continuous reactor method. Page 123 – 151. Agricultural Publishing House, Vietnam. *(Vietnamese version)*

- **Huynh Cong Khanh,** Nguyen Vo Chau Ngan, Tran Sy Nam, Le Hoang Viet, Nguyen Huu Chiem, Kjeld Ingvorsen. Chapter 16. Evaluation of the possibility of using water hyacinth and pig manure in semi-continuous anaerobic fermentation - the application on farm-scale polyethylene biogas digesters. Page 181 - 193. Agriculture Publishing House *(Vietnamese version).*

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