



CURRICULUM VITAE

I. BIO-DATA

Full name: **HUYNH VAN THAO**

Gender: Male

Date of birth: 29/05/1989

Place of birth: Kien Giang City

Father's birthplace: Kien Giang province

Nationality: Vietnamese

Highest degree: Master

Year earned: 2014

Residence address: 22/6 – Mau Than street – Xuan Khanh ward – Ninh Kieu district – Can Tho city.

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II. EDUCATIONAL BACKGROUND

1. Undergraduate education

Type of training: 4 years (Full time)

Major: Environmental sciences

Year earned: 2012

Institution awarding degree: Cantho University

Country: Vietnam

Thesis title: “Evaluation of the NH_4^+ and NO_3^- variation in rice-cultivated soil that applied the alternative wetting and drying, and continuous flooding techniques”

2. Graduate education

M.A. degree in: Environmental Sciences Year earned: 2014

Institution awarding degree: Cantho University

Country: Vietnam.

Title of thesis: “Biogas production from anaerobic co-digestion between pig manure and rice straw – A semi-continuous experiment”

3. Foreign languages

- Vietnamese: Mother language

- English: IELTS 5.5

III. JOB RECORDING

Duration	Employer	Duties
1) Dec 2014 – Mar 2018	Department of Environmental Science, College of the environment and natural resource, Cantho University	- Researcher of Department Environmental Science and research member of a project “Sustainable biogas production from waste rice straw”. The program was based on the cooperation between Aarhus University and Cantho University (SubProM project) funded by DANIDA, Denmark.
2) April 2018 – onward		- Secretary and counterpart for the project “Development agricultural technologies for reducing Greenhouse gas emission in the Mekong Delta, Vietnam”. The program was based on the cooperation between Japan International Research Center for Agriculture Science and Cantho University (JIRCAS-CTU project) funded by the JIRCAS.

IV. RESEARCH PROJECTS/PROGRAMS PARTICIPATING OR LEADING RELEVANT TO THE FIELD OF STUDY

No.	Title of research project and program	Year ended	Levels	Position
1	Water quality assessment of Xang Xa No canal – Hau Giang province.	2015	Province (Hau Giang)	Member
2	Evaluation possible influences of the flood control system to soil reproduction and loading capacity serving for sustainable agricultural development.	2016	Province (An Giang)	Member
3	Sustainable biogas production from waste rice straw (SubProM)	2018	International (Denmark)	Member
4	Assessment of current status as well as opportunities and threats of mangrove forest in the Mekong Delta	2018	WWF-VN	Member
5	Evaluation of the actual situation and proposing appropriate livelihoods for households affected by the saline intrusion and climate change in Hau Giang province.	2018	Province (Hau Giang)	Member
6	Environment assessment and development a sustainable management plan for organic mangrove ship farming	2019	IUCN Vietnam	Member

	certification in Duyen Hai district, Tra Vinh province			
7	Environment assessment and development a sustainable management plan for organic mangrove ship farming certification in Binh Dai district, Ben Tre province	2019	IUCN Vietnam	Member
8	Research on greenhouse gas emission and mitigation in agriculture practices in the Mekong Delta – rice farming models	2019	WWF-VN	Member
9	Establishing the locally environmental protection plan for Hau Giang province in 2019	2019	Province (Hau Giang)	Member
10	A research survey on renewable energy in An Giang, Can Tho, Soc Trang, Bac Lieu, Ca Mau provinces	2019	WWF-VN	Member
11	Characteristics of zoobenthos distribution in sediment of Hau river basin, Chau Thanh district, Hau Giang province	Sep 2020	Province (Hau Giang)	Member
12	Optimizing the SubProM biomass digester for farm household to a commercial level	Sep 2020	SNV	Coordinator
13	Improved biogas cooking stoves for higher efficiency at low biogas pressure without smoke and smell	Sep 2020	SNV	Coordinator
14	Establishing environmental protection plan for the locally traditional charcoal producing in Hau Giang province	Dec 2020	Province (Hau Giang)	Member
15	Japan International Research Center for Agricultural Sciences (JIRCAS)	2021	International (Japan)	Member

V. PUBLICATIONS RELEVANT TO THE PROJECT

1. Tran Sy Nam, **Huynh Van Thao**, Huynh Cong Khanh, Le Hoang Viet, Nguyen Vo Chau Ngan, Nguyen Huu Chiem and Kjeld Ingorsen. Semi-continuous anaerobic codigestion of pig manure with rice straw and water hyacinth. Environmental Protection toward Sustainable development (143), Cantho University, 26th Sept. 2014. (English version).
2. Tran Sy Nam, **Huynh Van Thao**, Huynh Cong Khanh, Nguyen Vo Chau Ngan, Nguyen Huu Chiem, Lê Hoang Viet and Kjeld Ingorsen, 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). (Vietnamese version).

3. Tran Sy Nam, **Huynh Van Thao**, Huynh Cong Khanh, Nguyen Vo Chau Ngan, Le Hoang Viet, Nguyen Huu Chiem and Kjeld Ingovsen, 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. (English version).
4. Tran Sy Nam, Huynh Cong Khanh, **Huynh Van Thao**, Nguyen Vo Chau Ngan, Le Hoang Viet, Nguyen Huu Chiem and Kjeld Ingovsen, 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. (English version).
5. Tran Sy Nam, Nguyen Huu Chiem, **Huynh Van Thao**, Nguyen Vo Chau Ngan, Le Ngoc Dieu Hong, 2016. Enhancing biogas production by anaerobic co-digestion of water hyacinth and pig manure. *Journal of Vietnamese Environment* No 8(3) (2016), page 195-199. (English version).
6. Bui Thi Nga, Nguyen Phuong Thao, **Huynh Van Thao**, Le Chi Nhan, 2016. The use of materials after absorbing nitrogen, phosphorus in biogas effluents growing broccoli (*Brassica juncea* L.). *Journal of Agriculture and Rural development*. No 10 (2016), page 173-178. (Vietnamese version)
7. Bui Thi Nga, Nguyen Phuong Thao, **Huynh Van Thao**, Nguyen Thi Lan Anh, 2016. Utilization of the effluent from biogas digester for cultivating Okara (*Abelmoschus esculentus* L.). *Journal of Agriculture and Rural development*. No 10 (2016), page 147-154. (Vietnamese version)
8. Nguyen Thanh Van, Bui Thi Nga, Nguyen Phuong Thao, **Huynh Van Thao**, 2017. Assessment the efficiency of biogas effluent treatment by bio-products. *Journal of Science, Can Tho University, Special issue: Environment and climate change* (1): page 1 - 12. (Vietnamese version)
9. Tran Sy Nam, Le Thi Mong Kha, Ho Vu Khanh, **Huynh Van Thao**, Nguyen Vo Chau Ngan, Nguyen Huu Chiem, Le Hoang Viet, Kjeld Ingovsen, 2017. The possibility of producing biogas from rice straw and water hyacinth at different VS's concentration in batch anaerobic experiment. *Journal of Science, Can Tho University, Special issue: Environment and climate change* (1): page 71 - 78. (Vietnamese version)
10. **Huynh Van Thao**, Masato Oda, Nguyen Huu Chiem, Ho Vu Khanh, Vo Cong Thanh, Tran Sy Nam, Nguyen Vo Chau Ngan, 2019. Effect of herbicide application (Sofix 300EC) and waterlogged rice straw degradation on organic rice yield in the double-cropping pattern. *Journal of Vietnamese Environment. Special Issue APE2019: 68 - 74 (ISSN 2193 - 6471)*. (English version)
11. Masado Oda, Nguyen Huu Chiem, **Huynh Van Thao**, 2019. Evaluation of cropping method for perennial ratoon rice: Adaptation of SALIBU to triple-

- cropping in Vietnam. F1000Research 2019, 8:1825 (<https://doi.org/10.12688/f1000research.20890.2>). (English version).
12. Nguyen Van Cong, Nguyen Xuan Khe, Huynh Thi Giau, Nguyen Dang Khoa, **Huynh Van Thao**, Huynh Cong Khanh, Nguyen Thanh Giao, Tran Sy Nam, Phạm Quoc Nguyen, Mitsunori Tarao. 2019. Acute toxicity and effects of Marshal 200SC on cholinesterase activity and growth performances of tilapia (*Oreochromis niloticus*). Journal of Science, Can Tho University (55), Environment and Climate change (1), pp. 135-141. (Vietnamese version).
 13. Tran Sy Nam, Ho Minh Nhut, Nguyen Ngoc Bao Tram, **Huynh Van Thao**, Do Thi Xuan, Nguyen Huu Chiem. 2020. Effects of two types of rice husk biochar on CH₄ and N₂O emissions from alluvial paddy soil in laboratory condition. Journal of Science, Can Tho University (vol. 56), Soil sciences. Pp. 109-118. (Vietnamese version).
 14. 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. No 02 (2020), page 97-105. (Vietnamese version).
 15. Uno Kenichi, Loc Xuan Nguyen, Khanh Cong Huynh, **Thao Huynh Van**, Taminato Tomohiko, Ishido Kenji, Chiem Nguyen Huu, 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 58 (3A) (2020) 178-186. *doi:10.15625/2525-2518/58/3A/14359*. (English version).

VI. BOOKS AND BOOK CHAPTERS

1. Tran Sy Nam, **Huynh Van Thao**, Huynh Cong Khanh, Nguyen Thi Thuy, Nguyen Huu Chiem, Le Hoang Viet. Chapter 1. Biogas overview. In monograph books N.H.Chiem, T.S.Nam, N.V.C. Ngan, L.H.Viet, K.Ingvorsen. Page 1 – 31. Agricultural Publishing House, Vietnam. (Vietnamese version).
2. Tran Sy Nam, **Huynh Van Thao**, Vo Thi Vinh, Nguyen Vo Chau Ngan, Nguyen Huu Chiem, Le Hoang Viet, Kjeld Ingvorsen. Chapter 5. Effect of mixing ratio between rice straw and pig manure to biogas production. In monograph books N.H.Chiem, T.S.Nam, N.V.C. Ngan, L.H.Viet, K.Ingvorsen. Page 100 – 118. Agricultural Publishing House, Vietnam. (Vietnamese version).
3. 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).
4. Nguyen Vo Chau Ngan, Francis Mervin S. Chan, Tran Sy Nam, **Huynh Van Thao**, Monet Concepcion Maguyon-Detras, Dinh Vuong Hung, Do Minh Cuong,

Nguyen Van Hung, 2019. Chapter 5. Anaerobic Digestion of Rice Straw for Biogas Production. Sustainable Rice Straw Management, Springer Open. 1. pp 65-92 (ISBN 978-3-030-32372-1) <https://doi.org/10.1007/978-3-030-32373-8>. (English version).