MINISTRY OF EDUCATION AND TRAINING
CANTHO UNIVERSITY

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

CURRICULUM VITEA

I. BIO-DATA

Name: CO THI KINH

Date of birth: 25 November 1983

Gender: Female

Email: ctkinh@ctu.edu.vn

Work place: College of Environment and Natural Resources, Can Tho University, Vietnam

Working position**:** Lecturer

Highest degree: Doctor of Phylosophy

II. EDUCATION

1. Undergraduate

Major: Environmental Science Year obtained: 2006

Institution: Can Tho University, Vietnam

2. Master degree

Major: Environmental Science Year obtained: 2013

Institution: Tokyo University of Agriculture and Technology, Tokyo, Japan

3. Doctoral degree

Major: Applied Chemistry Year obtained: 2017

Institution: Tokyo University of Agriculture and Technology, Tokyo, Japan

Dissertation: Development of a membrane-aerated biofilm reactor for removal of high strength nitrogenous wastewaters with minimum nitrous oxide emission.

4. Language proficiency

1. Vietnamese: Mother language

2. English: fluently

III. HISTORY AND PROFESSIONAL

Time	Place	Position
04/2006 – 01/2009	Dept. of Environmental Management, College of Agriculture and Applied biology, Can Tho University (CTU), Vietnam	Researcher
02/2009 – current	Dept. of Environmental Science, College of Environment and Natural Resources, CTU, Vietnam	Lecturer
10/2011 – 09/2013	Dept. of International Environmental and Agricultural Science, Tokyo University of Agriculture and Technology (TUAT), Japan	Master student

10/2013 – 09/2017	Dept. of Applied Chemistry, TUAT, Japan	Ph.D. student
10/2017 – current	Dept. of Applied Chemistry, TUAT, Japan	Postdoc researcher

IV. RESEARCH AND PUBLICATION

1. Research

No.	Research	Accomplishment	Level	Postion
1	Utilization of basalt soil as absorption material for phosphate removal in wastewater treatment	2011	Can Tho University	Leader

2. Publication

1. **Co Thi Kinh**, Toshikazu Suenaga, Tomoyuki Hori, Shohei Riya, Masaaki Hosomi, Barth F. Smets, Akihiko Terada (2017). Counter-diffusion biofilms have lower N_2O emissions than co-diffusion biofilms during simultaneous nitrification and denitrification: Insights from depth-profile analysis. *Water Research* (124), 362-371
2. Lingyu Meng, Li Xie, **Co Thi Kinh**, Toshikazu Suenaga, Tomoyuki Hori, Shohei Riya, AkihikoTerada, Masaaki Hosomi (2018). Influence of feedstock-to-inoculum ratio on performance and microbial community succession during solid-state thermophilic anaerobic co-digestion of pig urine and rice straw. Bioresource Technology (252) 127-133
3. **Co Thi Kinh**, Shohei Riya, Masaaki Hosomi, Akihiko Terada (2017) Identification of hotspots for NO and N_2O production and consumption in a counter- and co- diffusion biofilms for simultaneous nitrification and denitrification. *Bioresource Technology* (245), 318-324
4. Nguyen Cong Thuan, Keisuke Koba, Midori Yano, Akiko Makabe, **Co Thi Kinh**, Akihiko Terada, Sakae Royoda, Naohiro Yoshida, Yotaro Tanaka, Masanori Katsuyama, Muneoki Yoh (2017). N_2O production by denitrification in an urban river: evidence from isotopes, functional genes, and dissolved organic matter. *Limnolog*y 19 (1), 115-126
5. **Co Thi Kinh**, Johwan Ahn, Toshikazu Suenaga, Nakanya Sittivorakulpong, Pongsak Noophan, Tomoyuki Hori, Shohei Riya, Masaaki Hosomi, Akihiko Terada (2017). Free nitrous acid and pH determine the predominant ammonia-oxidizing bacteria and amount of N_2O in a partial nitrifying reactor. *Applied Microbiology and Biotechnology*, 101(4), 1673-1683.
6. **Co Thi Kinh**, Pham Viet Nu, Le Quang Trung, Le Anh Kha (2014**).** Utilizing the adsorbent material made from basaltic and acidic soil for removal phosphorus in wastewater. *Can Tho University Journal of Science - Part A: Natural Sciences, Technology and Environment* 32, 72-79, ISSN 1859-2333 (in Vietnamese)
7. Ozaki Hirokazu, **Co Thi Kinh**, Le Anh Kha, Pham Viet Nu, Nguyen Van Be, Mitsunori Tarao, Nguyen Huu Chiem, Le Viet Dung, Nguyen Hieu Trung, Masaki Sagehashi, Sachi Ninomiya-Lim, Takashi Gomi, Masaaki Hosomi, Hideshige Takada (2014). Human factor and tidal influences on water quality of urban river in Can Tho, a main city of the Mekong Delta, Vietnam. *Journal of Environmental Monitoring and Assessment* (186) 845-858
8. **Co Thi Kinh**, Pham Viet Nu, Le Anh Kha, Le Van Chien (2012). The effectiveness of basalt on phosphate removal in seafood processing wastewaters. *Can Tho University Journal of Science - Part A: Natural Sciences, Technology and Environment* 23a, 11-19, ISSN 1859-2333 (in Vietnamese)
9. Le Anh Kha, Pham Viet Nu, **Co Thi Kinh** (2013). Using local materials as attached-growth media for removal of nitrogen and phosphate in seafood processing wastewater. *Can Tho University Journal of Science - Part A: Natural Sciences, Technology and Environment* 28, 38-46, ISSN 1859-2333 (in Vietnamese)