

CURRICULUM VITAE

NGUYEN THANH TIN

Date of birth: 20/01/1988

Orgination: Faculty of Environment, HCMC University of Technology (HCMUT) – 268 Ly Thuong Kiet street, District 10, HCMC, Viet Nam

Cellphone: +84-8-903335180

Email: thanhtin201@yahoo.com



Research Interest

- Membrane separation processes, water and wastewater treatment processes, biological processes, algae cultivation processes.

Professional Experience

- 2011-present: Research Assistant, Dept. of Environmental Engineering, Faculty of Environment, HCMC University of Technology (HCMUT), Viet Nam.

Education

- 2006-2011: BE, Evinronment Engineering, HCMC University of Technology (HCMUT), Viet Nam.
- 2012-2013: ME, Environmental Engineering, HCMC University of Technology (HCMUT), Viet Nam

Language

No	Language	Listening			Speaking			Writing			Reading		
		Fluent	Fair	Poor	Fluent	Fair	Poor	Fluent	Fair	Poor	Fluent	Fair	Poor
1	English		x			x			x		x		

Skills

- Computer: Autocad, Ms Office.

Traning workshop attendance

- Training workshop on “Selected topics of environmental technology and materials science”, the 8th Vietnamese – German summer school 2011, held in institute of applied materials science, ho chi minh city, Vietnam 15th September, 2011.

SELECTED PUBLICATION

International Journals

- 1) Van, P.T.H., **Tin, N.T.**, Hien, V.T.D., Quan, T.M., Hang, V.T., Tuc, D.Q., Khoa, L.V., Phu, V.L., Kwon, E., Park, C., Jung, J., Yoon, I., Lee, S., Dan, N.P., Thanh, B.X. (2014). Nutrient removal of different plants in wetland roof systems treating domestic wastewater, *Desalination and Water Treatment*, in press, (SCIE, IF = 0.852; ISSN: 1944-3994).
- 2) Thao, N.T.P., **Tin, N.T.**, Thanh, B.X. (2013). Biodiesel Production from Microalgae by Extraction – Transesterification Method, *Waste Technology*, 1(1), 6-9. (ISSN: 2338-6207).
- 3) Thanh, B.X., **Tin, N.T.**, Dan, N.P. (2013). Influence of Recirculation Rate on Performance of Membrane Bioreactor Coupling With Ozonation Treating Dyeing and Textile Wastewater, *Journal of Water Sustainability*, 3(2), 71-78. (ISSN: 1839-1516).
- 4) Thanh, B.X., **Tin, N.T.**, Van, P.T.H., Hien, V.T.D., Dan, N.P., Koottatep, T. (2013). Performance of wetland roof with *Melampodium paludosum* treating septic tank effluent, *Desalination and Water Treatment*, in press, (SCIE, IF = 0.852; ISSN: 1944-3994).
- 5) Thanh, B.X., Hien, V.T.D., Dan, N.P., Van, P.T.H., **Tin, N.T.** (2012). Performance of wetland roof treating domestic wastewater in the tropic urban area, *Journal of Water Sustainability*, 2(1), 79-86. (ISSN: 1839-1516).

National Journals

- 1) **Tin, N.T.**, My, N.T.T., Thanh, B.X. (2013). Effect of sludge retention time on performance of anaerobic sponge biofilter coupling with membrane bioreactor treating leachate, *Tạp Chí Khoa Học Công Nghệ Việt Nam [Journal of Viet Nam Academy of Science and Technology]* , 51(3B), 35-40. ISSN: 0866 708X

International conference

- 1) Duyen, P.M., **Tin, N.T.**, Thanh, B.X. (2013). Effect of N:P ratio on microalgae biomass growth in photobioreactor. The 7th South East Asia Technical University Consortium (SEATUC) symposium, p. 25, March, 4th-6th 2013 Institut Teknologi Bandung (ITB), Indonesia. ISSN: 2186-7631.
- 2) My, N.T.T., Nhan, P.N.T., **Tin, N.T.**, Thanh, B.X (2013). Fouling control and pollutants removal in anaerobic filter coupling with membrane bioreactor treating leachate in Ho Chi Minh City. The 6th Asean Environmental Engineering Conference (AEEC), November 21th-22th 2013 Bangkok, Thailand.

- 3) **Tin, N.T.**, Duyen, P.M., Thanh, B.X. (2013). Effect of Tris on microalgae biomass growth in photobioreactor. The 6th Regional Conference On Chemical Engineering, p. 23, December 2nd-3th 2013 Manila, Philipines. ISSN: 2094-3237.
- 4) Thanh, B.X., Khoa, L.V., Dan, N.P., Tam, N.D., **Tin, N.T.** (2012). Fecal sludge management and service improvement in Ho Chi Minh City – Viet Nam, The 5th ASEAN Civil Engineering Conference (ACEC), the 5th ASEAN Environmental Engineering Conference (AEEC) and the 3rd Seminar on Asian Water Environment (Asian Core Program of JSPS, NCRT and ERDT) – Ho Chi Minh City, Viet Nam, October 25th -26th 2012, Winsor hotel, Ho Chi Minh City, Viet Nam.
- 5) Thanh, B.X., Nhien, N.T.T., **Tin, N.T.** (2012). Effects of powdered activated carbon (PAC) and alum on membrane fouling in submerged membrane bioreactor, The 6th East Asian Technical University Consortium (SEATUC) Symposium, OS 1: P. 28, March 6th-7th, 2012, KMUTT, Thailand.
- 6) Hien, V.T.D., Thu, T.N.T., Mai, T.T.T., **Tin, N.T.**, Van, P.T.H., Thanh, B.X. (2011). Application of Wetland Roof for Domestic Wastewater Treatment: Evaluation of Wastewater Treatment Efficiency of Plants at Different Hydraulic Loading Rates, Minamata International Symposium On Environment and Energy Technology (MISSION 2011) December 6th – 8th, 2011, p. 149-155. Kumamoto, Japan.
- 7) Hien, N.T.M., **Tin, N.T.**, Thanh, B.X., Dan, N.P. (2011). Fouling mitigation in submerged membrane bioreactor treating dyeing and textile wastewater. The fourth annual conference on the Challenges in Environmental Science and Engineering 2011 (CESE 2011), p.76-77, 25th-30th September, Evergreen Plaza Hotel, Tainan City, Taiwan. ISBN: 978-0-646-56425-8.

PROJECT INVOLEMENT:

No	Project name	Position/ role in the project
1	Improvement of Water Environment of Xuyen A Industrial Park, Long An province, HCMC (2013-2014), Economic contract with Industrial Park, Viet Nam	Member (data collection, report writing)
2	Application of wetland roof for domestic wastewater treatment: A solution for climate change mitigation, NAFOSTED, Ministry of Science & Technology – Viet Nam (2011-2013)	Member-technician
3	Toward green city through application of a wetland roof system coupling with domestic wastewater treatment.\$30,000 (9/2013-8/2014), funded by Korea Environment Corporation (KECO), Ministry of Environment, South Korea (Project Investigator	Member-technician
4	Design, manufacturing and trial operation of Upflow	Member (data collection,

	multimedia Bioreactor coupling with membrane bioreactor treating hospital wastewater in Ho Chi Minh city. \$20,000 (8/2012-8/2013) supported by Dept. Science and Technology – HCMC, Viet Nam (Project Investigator).	report writing)
5	Conduct desk review on available sanitation technology in Vietnam, AIT. \$10,000 (1/2013-8/2013) supported by AIT under Bill and Melinda Gates Foundation (BMGF) (Project Investigator)	Member (data collection)
6	Application of Woven Fiber Microfiltration (WFMF) wastewater treatment of septictank, HCMC - Viet Nam National University (2012)	Member-technician
7	Application of attached growth membrane Bioreactor treating catfish farm wastewater], Master student project (University's Research project) (2011)	Member-technician
8	Landscape Analysis and Bussiness Model Assessment in Fecal Sludge Management: Extraction and Transportation Models in Vietnam [Hanoi University of Civil Engineering-HCMC University of Technology- Bill & Melinda Gates Foundation (BMGF)] (2011)	Member (data collection, report writing)
9	Improvement of Water Environment of Trang Bang Industrial Park, Tay Ninh Province (2011), Economic contract with Industrial Park, Viet Nam	Member (data collection, report writing)
10	Monitoring of Arsenic in groundwater of Long An, Mekong Delta province, Viet Nam (2010), Gwangju Institute of Science and Technology (GIST), Korea	Member (data collection)