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PhD supervisor



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Associate Professor

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Potential areas for PhD supervision:

- ~ Water treatment
- ~ Environmental management and technology
- ~ Renewable energy

Supervising experience:

- 01 PhD student (on-going)
- 21 Master students
- 4 Master students

Employment history in last 5 years:

2012 – present Ho Chi Minh City University of Natural Resources and Environment.

Membership of professional association:

- 2008 -2011 Member of Global Center of Excellent on River basin management, Japan
- 2010-2012 Member of Asian Pacific Network of global changes – group of urban water management in Southeast Asia (Vietnam, Thailand, Cambodia and Indonesia).
- 2010-2018 Member of center of excellence on renewable energy and energy efficiency
- 2016 – now Vice-chairman of Bioenergy and sustainable development association in An Giang.

Education – since bachelor degree:

- Doctorate of Urban Environmental Engineering, Department of Urban Engineering, University of Tokyo, Japan, 2010.
- International Master of Advanced Studies (IMAS) in Development Studies: Development and Globalization: Growth and Exclusive, Graduate Institute of development studies (DFD), Geneva, Switzerland, 2004.
- Master of Science (Environmental Risk Assessment for Tropical Ecosystems), ChiangMai University, ChiangMai, Thailand, 1996.
- Bachelor of Science (Agronomy), University of Agriculture and Forestry (UAF), Ho Chi Minh City, Viet Nam, 1991.



Selected recent papers (2010-2020):

1. Tran Thi Thanh Huong, **Nguyen Thi Van Ha**. Evaluation of bio-growth of micro-algae *Scenedesmus dimorphus* in the waved bio-tank combined with treatment of wastewater from biogas tank. Journal of Environment 2018, 4-8. ISSN: 1859 -042K.
2. Cao Nha Vy, **Nguyen Thi Van Ha**, Nguyen Dinh Tuan. Study on the regional risk assessment methodology for chemicals in Ho Chi Minh City. Journal of Environment 2018, 58-63. ISSN: 1859 -042K.
3. Bui Thi Do Ngoc Thu, **Nguyen Thi Van Ha**. Propose the promotion solutions for solar energy development for shrimp farm in Can Gio District. Journal of Environment 2018, 149 -153. ISSN: 1859 -042K.
4. Pierangeli G. Vital, **Nguyen Thi Van Ha**, Le Thi Hong Tuyet, Kenneth W. Widmer. Application of quantitative real-time PCR compared to filtration methods for the enumeration of Escherichia coli in surface waters within Vietnam. Journal of Water and Health, 2/2017, 15 (1) 155-162; DOI: 10.2166/wh.2016.173.
5. Thanh Tran, Vo Duy Minh, Do Vu Thanh Son, Le Thi Anh Hong, Hong Nhung Do, Nguyen Dinh Duc, Nguyen Thi Bach Huyen and **Nguyen Thi Van Ha**. Studies on the Combination of Some Selected Microorganisms for Biodegradation of Cassava Peel Wastes (*Manihot Esculenta*). Journal of Environmental Science and Engineering B, Vol 5 (7), 7/2016 (Serial Number 49), 25-33.
6. **Nguyen Thi Van Ha**, Nguyen Thi Quynh Trang, Le Huynh Manh Tung , Tran Thanh. Evaluation of the impact of dyke on the practice of using plant protection chemicals and environmental impact quotation index of rice cultivation areas in Thap Muoi District. Dong Thap Province. Journal of Science and Technology 54 (4B) 2016, 56-63. ISSN 0866 708 X.
7. **Nguyen Thi Van Ha**, Le Thi Hong Tuyet. Study on E. Coli infection on tap water and waste water samples collected from the markets in Ho Chi Minh City and expose risk viva personal contact. Journal of Natural resources and environment 21, 11/2016, 35-42.
8. Tran Thanh, Le Huynh Manh Tung, Phan Nguyen Hong, Nguyen Le Trinh Giang, **Nguyen Thi Van Ha**, 2014. Study on Heavy metal residues from pesticide application on soil and water environment in the rice embankment areas of Thap Muoi District , Dong Thap Province. Journal of Science and Technology 52 (4B), 382-392. ISSN 0866 708 X.
9. Nguyen Dinh Tuan, **Nguyen Thi Van Ha**, Huynh Ngoc Ha, Pham Thi Diem Phuong, 2014. Study on plastic recycling-fee management in Ho Chi Minh City. Journal of Science and Technology (4C), 85-97, ISSN 0866 708 X.
10. **Nguyen Thi Van Ha**, Le Huynh Manh Tung, Đàng Quốc Tri, 2014. Assessment on pesticides utilizes in the rice cultivation areas of Thap Muoi District, Dong Thap Province. Journal of Science and Technology 51 (4A), 17-27. ISSN 0866 708 X.



11. **Nguyen Thi Van Ha**, Nguyen Dang Mai Chuyen, Le Nguyen Tuyet Ngan, 2014. Apply the RiceWQ model to predict the concentrations of pesticide residues in water and soil in rice cultivation areas of Thap Muoi District, Dong Thap Province. *Journal of Natural Resources and Environment* 14 (196), 55-58. ISSN 1859 -1477.
12. **Nguyen Thi Van Ha**, Nguyen Thi Ha, Nguyen Ngoc Ha, Kenneth W. Widmer, 2013. Discrimination of *Esherichia Coli* derived from livestock and human feces sources to urban surface waters in HCMC, Vietnam. *Science and Technology for sustainability*. Vol.10 *Transboundary Pollutants Issues*, ISSN: 2288-2596, 2013, GIST, Korea.
13. **Nguyen Thi Van Ha**, et.al., 2013. Prevalence of *E. Coli* in surface waters in Asian Cities. *World Journal of Microbinol Biotechnol.* DOI 10.1007/s11274-013-1376-3.
14. Vo Dao Chi, **Nguyen Thi Van Ha**, 2013. Propose the biomass town model applied for agricultural sustainable development in Cu Chi District, Ho Chi Minh City. *Journal of Environment* No. 6, ISSN: 1859 - 042X, 51 – 55.
15. **Nguyen Thi Van Ha**, et.al., 2012. Influence of salinity intrusion on the distribution, speciation, and partitioning of mercury in the Mekong River Delta. *Geochimica at Cosmochimica Acta*, Volume 106, p.379-390. DOI 10.1016/j.gca.
16. Nguyen Thi Tuyet Nam, Truong Thi Thuy Trang, **Nguyen Thi Van Ha**, 2012. Environmental and health risk assessment for organic compounds and pharmacal residues in the low basin of Saigon Dong Nai River. *Journal of Natural Resources and Environment*, No. 23 (157), 12/2012. ISSN 1859 – 1477, 13-17.
Nguyen Ha Trang, **Nguyen Thi Van Ha**, 2012. Propose the bio-energy master plan for An Giang Province. *Journal of Natural Resources and Environment*, No. 23 (157), 12/2012. ISSN 1859 – 1477, 40-43.
17. **Nguyen Thi Van Ha**, Takizawa S., Oguma K., Phuoc N.V., Sources and leaching of manganese and iron in Saigon River Basin. *Water Science and Technology*, 63, 10, 2231-2237, 2011, doi: 10.216/wst.2011.460.