

SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name	Nguyen Thi Huong Giang	Birth date	11/10/1980
Academic title	Msc	Sex	Female
Administrative position		ID Number	
Department	Department of Environmental Management., Faculty of Natural Resources and Environment (FONRE)		
Institution	Vietnam National University of Agriculture (VNUA)		
Address	Trau Quy, Gia Lam	City/prov	Hanoi
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2. Qualifications

No.	Years	Academic Institution	Major/specialty	Academic degree
1	2019-present	Vietnam National University of Agriculture	Environmental Science	PhD student
2	2009-2010	Manchester University	Environmental and Development	Master of Science
3	1999-2003	Ha Noi University of Education	Geography	Bachelor

3. Professional experience

No.	Years	Institution	Address	Position
1	2012-present	Vietnam National University of Agriculture	Ha Noi, Vietnam	Senior Lecturer
2	2015-2017	International School of Thai Nguyen University	Thai Nguyen, Vietnam	Visiting Lecturer
3	2003-20011	Luc Nam High Schooll	Bac Giang, Vietnam	Teacher

4. Language (Rating: A-Poor/deficient; B - Fair; C – Sufficient; D – Fluent)

Language	Reading	Writing	Speaking	Certificate/degree
English	D	D	D	D
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5. Expertise and research interests

5.1 Main research orientation

- Agent-based modelling and pro-environmental behaviour
- Natural risk management
- Agriculture waste management

5.2 List of research projects

- 2019 -2021 **Applying waste audit techniques and proposing solutions for environmental protection in pig production, Project funded by the Ministry of Agriculture and Rural Development**
Secretary, fieldwork leader
- 2020 **Investigate the situation of single-use plastic waste and propose the strategic reduction plan in Bac Ninh Province, Project funded by Bac Ninh Committee Province**
Consultant and Cordinator
- 2020-2021 **Applying the solution "Banana circle" to build a model of domestic solid waste treatment in rural areas of Ha Nam Province, Project funded by Ha Nam Committee Province**
Consultant
- 2018 **Assessment of the current environmental status in the fruit growing area of Bac Giang Province, Project funded by Bac Giang Committee Province**
Consultant
- 2018 **Analyze factors affecting the vegetable growers' adoption to conservation agriculture techniques in Gia Lam District, funded by Vietnam National University of Agriculture, 2018**
Project leader
- 2016 **Food waste and households behavior: a case study in Trau Quy, Gia Lam, Ha Noi, funded by Vietnam National University of Agriculture, 2016**
Project leader
- 2016-2017 **Building Building a mini model of agricultural waste treatment based on Eco-technology to produce commercial products and improve practical scientific works for Environmental Students, fund of ACCCU project, 2016-2017**
Project leader

- 2014-2017 **“REDD⁺: The forest grab of all the time, Project funded by DADIDA**
Researchers
- 2014 **Studying and proposing solutions for cleaner production for pig farms in Gia Lam District, Ha Noi**
Researcher
- 2011-2015 **Supporting the integration in Agricultural Curricula of Climate Change concerns at Universities of Agriculture, Hanoi University of Agriculture, Hong Duc University, and Hue University of Agriculture and Forestry, funded by Netherlands Initiative for capacity development in Higher Education (NICHE)”, NICHE, 2011-2015**
Logistic assistant, Fieldwork
- 2014 **Examining the different impacts of climate change on women and men within the context of agriculture production: a case study in Giao Thuy, Nam Dinh, funded by Vietnam National University of Agriculture, 2014**
Project leader
- 2014 **Modeling the impacts of sea level rise on agricultural land use in Giao Thuy District, Nam Dinh Province.**
Researcher
- 2016 **Enhancing capacity in environmental protection, climate change mitigation and adaptation in Thanh Son district, Phu Tho province”. Funded by The Embassy of Finland in Vietnam**
Trainer
- 2012 – 2013 **Evaluating current status of biodiversity resource and building action plans for the period of 2010-2015, Funded by Hai Duong Committee Province**
Researcher

5.3 Publications and accomplishments

Article (s) in ISI/SCOPUS-covered journal

- 1) Cao, S. T., Tran, H. P., Le, H. T. T., Bui, H. P. K., **Nguyen, G. T. H.**, Nguyen, L. T., Nguyen, B. T., & Luong, A. D. (2021). Impacts of effluent from different livestock farm types (pig, cow, and poultry) on surrounding water quality: A comprehensive assessment using individual parameter evaluation method and water quality indices. *Environmental Science and Pollution Research*.
<https://doi.org/10.1007/s11356-021-14284-9>. English.

- 2) **Giang, H.T.N.**, Huong, T.T.L., An, N.T., Yabe, Son, C.T., 2021. Recycling Wastewater in Intensive Swine Farms: Selected Case Studies in Vietnam. J.- Fac. Agric. Kyushu Univ. 66, 115–121. English.
- 3) Son, C. T., **Giang, N. T. H.**, Thao, T. P., Nui, N. H., Lam, N. T., & Cong, V. H. (2020). Assessment of Cau River water quality assessment using a combination of water quality and pollution indices. *Journal of Water Supply: Research and Technology-Aqua*, 69(2), 160–172. <https://doi.org/10.2166/aqua.2020.122>. English.
- 4) **Giang, N. T. H.**, & Thao, Q. T. (2016). Analyzing Drought Adaptation Practices of Sugarcane Grower in Thanh Cong, Thach Thanh District, Thanh Hoa, Vietnam. *Tropiculture*, NS, 61–73. English.

Article(s) in national scientific journal

- 1) An, N. T., Lan, N. P., Cong, V. H., Duong, N. H., & **Giang, N. T. H.** (2020). Environmental Pressure from Pig Farming to Surface Water Quality Management in Yen Dung District Bac Giang Province. *VNU Journal of Science: Earth and Environmental Sciences*, 36(1), 46–56. <https://doi.org/10.25073/2588-1094/vnuees.4552>. English.
- 2) Nguyen The Binh, Cao Truong Son & **Nguyen Thi Huong Giang**. (2019). Soil and water quality in fruit cultivation area of Bac Giang Province. *VNU Journal of Science: Earth and Environmental Science*, Vol.34, No.1 (2018) 54-64. Vietnamese.
- 3) **Nguyen Thi Huong Giang**. (2018). Understanding Internal Driven Factors of Household Intention to Upgrade Waste Treatment System: A Case Study of Small-scale Cow Farming in Le Chi Commune, Gia Lam, Ha Noi. *VNU Journal of Science: Earth and Environmental Science*, Vol.34, No.1 (2018) 54-64. English
- 4) Cao Truong Son, Nguyen Thanh Lam, **Nguyen Thi Huong Giang**. (2018). Analyzing voluntary model of payment for forest environmental service in Ba Be, Bac Kan. *Science and Technology Journal of Agriculture & Rural Development*, 2016 Vol 17: 110-117. Vietnamese
- 5) **Nguyen Thi Huong Giang**, Cao Truong Son. (2016). Analyzing factors affecting food waste at household level: a case study in Trau Quy Town, Gia Lam District, Ha Noi. *Science and Technology Journal of Agriculture & Rural Development*, No (1+2): 30-39. Vietnamese
- 6) Nguyen Thanh Lam, Cao Truong Son & **Nguyen Thi Huong Giang**. (2016). Biodiversity in Hai Duong province: status and challenges. *Journal of Science and Development*, Hanoi University of Agriculture, Vietnam, No12(4):574-585. English
- 7) Nguyen Tat Thang, & **Nguyen Thi Huong Giang**. (2015). Overview of climate change education. *Journal of Science and Education*, 118. in Vietnamese
- 8) Nguyen Tat Thang, **Nguyen Thi Huong Giang** & Ngo The An. (2014). Impacts of climate change on gender role in agricultural production: a case study in Giao Lac, Giao Thuy, Nam Dinh. *Journal of Science and Development*, Hanoi University of Agriculture, Vietnam, Vol 13, No. 3: 464-473. Vietnamese
- 9) Cao Truong Son, **Nguyen Thi Huong Giang** & Ho Thi Lam Tra. (2014). Evaluating status of pig manure management in Van Giang District, Hung Yen Province. *Journal of Soil Science*, No43/2014: 58 – 63. Vietnamese

National/International Conference Presentation

- 1) Nguyen Thi Huong Giang, Tran Cong Chinh, Luong Duc Anh, Cao Truong Son, Bui Phung Khanh Hoa, Ngo The An(2020). **Identifying the feasibility of livestock effluent reuse toward a circular economy in agriculture in a peri-urban area in Vietnam. Presentation at The**

Consortium for Green Technology Management and Research 10th International Forum on Green Technology and Management 2020 (IFGTM2020)

- 2) Nguyen Thi Huong Giang, Cao Truong Son, Luong Duc Anh, Tran Cong Chinh, Bui Phung Khanh Hoa, Ngo The An (2020). : Identifying the feasibility of reusing livestock wastewater for agriculture in peri-urban area in Ha Noi. Presentation at the International Sustainable Development Conference, National Pingtung University of Science and Technology. Taiwan.
- 3) **Nguyen Thi Huong Giang**, Ninh Cong Thanh, Nguyen Thi Thu Nhung, Nguyen Thi Bich Thuan (2016). Food waste and household behavior: a case study in Trau Quy Town, Gia Lam, Ha Noi. Proceeding of International Conference on Agriculture in the context of international integration: Opportunities and challenges.
- 4) **Nguyễn Thị Hương Giang**, Phạm Trung Đức & Cao Trường Sơn (2014) Assessing Social Exposure of Coastal Community to Weather Extreme and Climate Events: A Case Study in Giao Lac Commune, Giao Thuy District, Nam Dinh Province”. Proceeding of workshop on “Effective land, water use in agriculture and protection of rural environment in Vietnam and Japan”.
- 5) Nguyễn Thanh Lâm, Cao Trường Sơn, **Nguyễn Thị Hương Giang (2014)**. Biodiversity Status in Chi Linh Town, Hai Duong Province. Proceeding of workshop on “Effective land, water use in agriculture and protection of rural environment in Vietnam and Japan”.

Text book, lecture notes (published)

- 1) **Nguyen Thi Huong Giang**, Nguyen Thanh Lam, Cao Truong Son (2020). Environmental Administrative Management. Environmental Education and Communication, Agricultural Institute Publishing House, Ha Noi, VietNam.
- 2) **Nguyen Thi Huong Giang** (2020). Environmental Education and Communication, Agricultural Institute Publishing House, Ha Noi, VietNam
- 3) Nguyen Thanh Lam, Jan Japenga, Cao Truong Son, Nguyen Thi Hong Ngoc, Nguyen Thi Bich Ha, **Nguyen Thi Huong Giang (2012)**. : Renewable energy in Vietnam. Chapter 2 of Biofuel sector review: the case of Vietnam, Hanoi Agricultural Publishing House, 2012. English.

Vietnam National University of Agriculture

Hanoi, June 28 2021
Full name and signature)



Nguyễn Thị Hương Giang