

## SCIENTIFIC CURRICULUM VITAE

### 1. Personal details

Full name	<b>NGUYEN THI THU HA</b>	Birth date	<b>3<sup>rd</sup> Sep 1986</b>
Academic title	<b>Master</b>	Sex	<b>Female</b>
Administrative position	<b>Lecturer</b>	ID Number	<b>030186001303</b>
Department	<b>Department of Environmental Technology, Faculty of Natural Resources and Environment (FONRE)</b>		
Institution	<b>Vietnam National University of Agriculture (VNUA)</b>		
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### 2. Qualifications

No.	Years	Academic Institution	Major/specialty	Academic degree
1	2009-2011	Hanoi University of Science and Technology	Environmental Technology	Master
2	2004-2008	Vietnam National University of Agriculture	Environmental Science	Bachelor

### 3. Professional experience

No.	Years	Institution	Address	Position
1	2010-2021	Department of Environmental Technology, Faculty of Natural Resources and Environment (FONRE), Vietnam National University of Agriculture (VNUA)	Trau Quy, Gia Lam, Hanoi	Lecturer

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

Language	Reading	Writing	Speaking	Certificate/degree
English	D	C	C	B1

### 5. Expertise and research interests

5.1 Main research orientation: Environmental monitoring; Biological indicator; Environmental toxicology; Toxins and pollutants control

5.2 List of research projects

No.	Project name	Funding agency & amount	Project duration	Position in the project
1.	Investigating and evaluating the generation sources and characteristics of the wastewater drainage system in the area of Hanoi Agricultural	Vietnam National University of Agriculture	2009	Researcher

No.	Project name	Funding agency & amount	Project duration	Position in the project
	University as the basis for the selection of appropriate wastewater treatment technology			
2.	Calculating and designing schematic diagram of wastewater treatment technology generated within Hanoi University of Agriculture	Vietnam National University of Agriculture	2010	Researcher
3.	Investigate and evaluate the current state of centralized livestock farm environment in Bac Giang province	People's Committee	2013	Researcher
4.	Investigation and assessment of current pollution status to develop a plan to deal with plant protection chemical pollution spots in Nam Dan district, Nghe An province	People's Committee.	2013	Researcher
5.	Investigate the management, collection and treatment of domestic waste in the rural area of Hai Duong province and propose management measures to improve the environment	People's Committee.	2014	Researcher
6.	Study on characteristics of natural nanoparticles (nanoclay) and application of Cr <sup>6+</sup> treatment in electroplating wastewater	Vietnam National University of Agriculture	2015	Researcher
7.	Investigating and identifying polluted environmental areas in Bac Giang province	People's Committee	2015	Researcher
8.	Investigating and evaluating the level and scope of pollution and proposing a plan to deal with points of agricultural environmental pollution caused by plant protection chemicals in some areas in Do Luong district, Nghe An province	People's Committee.	2015	Researcher
9.	Building a model to treat nitrogenous and phosphorus-rich wastewater from septic tanks using microalgae <i>Chlorella vulgaris</i>	Vietnam National University of Agriculture	2015	Manager
10.	Investigate, evaluate, determine the extent and extent of pollution, develop a plan to deal with polluted sites of plant protection chemicals in Thanh Chuong district, Nghe An province	People's Committee.	2016	Researcher
11.	Adjustment of the planning for the network of environmental monitoring in Bac Giang province for the period 2010 – 2020	People's Committee	2016	Researcher
12.	Surveying, statistics and classifying waste sources from establishments inside and outside industrial zones and clusters in Bac Giang province	People's Committee.	2017	Researcher
13.	Master project on environment in craft villages in Nghe An province, proposing solutions to manage and minimize pollution	People's Committee	2017	Researcher
14.	Investigating, evaluating and analyzing the impacts of wastewater from industrial zones and clusters in Bac Giang province on the surrounding environment	People's Committee	2017	Researcher

No.	Project name	Funding agency & amount	Project duration	Position in the project
15.	Study on the development of emission coefficients of polycyclic condensing aromatic hydrocarbons (PAHs) and their derivatives (NPAHs) from post-harvest rice straw flue gas in Vietnam	Vietnam National University of Agriculture	2017	Secretary
16.	Master project to treat serious environmental pollution in Nghe An province for the period 2016-2020	People's Committee	2018	Researcher
17.	Fabrication of Tectosilicate mineral materials from rice husk ash and application of reduced mobility of Pb <sup>2+</sup> metal in soil	Vietnam National University of Agriculture	2018	Secretary
18.	Fabrication of lightweight materials from silicate raw materials in agricultural residues for aquaculture water treatment applications	Vietnam National University of Agriculture	2018	Secretary
19.	Master project for environmental protection in rural areas of Nghe An province	People's Committee	2018	Manager
20.	Application of biotechnology in odor treatment and solid waste in livestock farms in Khoai Chau district, Hung Yen province	People's Committee.	2018	Researcher
21.	Research and develop a model for handling residues of plant protection chemicals in plant protection drug packages by fenton method	Vietnam National University of Agriculture.	2019	Secretary
22.	Proposing solutions to recover and reuse algal biomass to control the eutrophication of ponds, lakes, and recover organic	Vietnam National University of Agriculture	2020	Manager

### 5.3 Publications and accomplishments *(Có thể bổ sung dòng nếu cần)*

No.	Authors	Year	Title of papers/book	Name of publishers	ISSN/ISBN	IF	Notes
<b>1</b>	<b>Article (s) in ISI-covered journal</b>						
<b>2</b>	<b>Article in other international Journal</b>						
<b>3</b>	<b>National/International Conference(s)</b>						
<b>4</b>	<b>Article(s) in national scientific journal</b>						
4.1	Trinh Quang Huy, Nguyen Thi Thu Ha	2011	Effects of water quality on biodiversity of diatoms in some irrigation canal systems,	Soil science No. 37, pages 80-85	0868-3743		
4.2	Nguyen Thi Hong Ngoc, Nguyen Thi Thu Ha	2011	Investigating and assessing sources of generation and characteristics of wastewater drainage systems in the area of Hanoi Agricultural University as a basis for the selection of treatment technology,	Soil science No. 37, pages 69-75	0868-3743		

No.	Authors	Year	Title of papers/book	Name of publishers	ISSN/ISBN	IF	Notes
4.3	Nguyen Ngoc Tu, Trinh Quang Huy, Nguyen Thi Thu Ha	2015	Characteristics of natural nano-particles and the application of Cr <sup>6+</sup> adsorption in solution,	Journal of Ecological Economics No. 49, page 3-10	1859-2317		
4.4	Hoang Thi Thu Huong, Nguyen Thi Nhung, Nguyen Thi Tam, Nguyen Thi Lien, Nguyen Thi Thu Ha, Van Dieu Anh	2015	Health risk associated with the potentially toxic cyanobacteria blooms in the lakes of Hanoi by biovolume method,	Science and technology, no. 53 (3A), pp. 267-270	0866-708X		
4.5	Nguyen Thi Thu Ha, Tran Minh Hoang, Do Thuy Nguyen, Trinh Quang Huy	2016	Application of Chlorella vulgaris algae to remove N and P in domestic wastewater after septic tanks,	Journal of Ecological Economics No. 51, page 45 -52	1859-2317		
4.6	Dinh Tien Dung, Ta Thi Yen, Nguyen Thi Thu Ha, Trinh Quang Huy	2016	Research on selecting plant species capable of absorbing Pb, Zn in soil in Chi Dao commune, Dai Dong - Van Lam - Hung Yen,	Vietnam Agricultural Science and Technology, vol. 10 (71), pp. 66-72	1859-1558		
4.7	Tran Quoc Viet, Dinh Tien Dung, Do Phuong Chi, Nguyen Thi Thu Ha (2016)	2016	Assessing the current status of greenhouse gas emissions from landfills in the Red River Delta and proposing solutions,	Science and technology agriculture in Vietnam, volume 10 (71), pages 77-81	1859-1558		
4.8	Nguyen Thi Thu Ha, Hoang Thuy Linh, Dinh Tien Dung, Trinh Quang Huy	2016	Toxicological testing of pyrethroid pesticides to freshwater snails ( <i>Angulyagra polyzonata</i> ),	Journal of Science and Development development, volume 14 (6), pp. 891-899	1859-0004		
4.9	Nguyen Thi Thu Ha, Ta Thi Hai Yen, Dinh Tien Dung, Do Thuy Nguyen, Trinh Quang Huy (2016),	2016	Using zooplankton as indicator for nutrient levels of irrigation canals in Gia Lam district, Hanoi	Agricultural Science of Vietnam vol. 14 (11), pp. 1753-1763	1859-0004		

No.	Authors	Year	Title of papers/book	Name of publishers	ISSN/ISBN	IF	Notes
4.10	Tran Quoc Viet, Dinh Tien Dung, Nguyen Thi Thu Ha, Nguyen Truong Son	2016	Preliminary assessment of environmental risks due to residues of pesticides in Nam Linh commune, Nam Dan district, Nghe An province,	Agricultural Science of Vietnam vol. 14 (12), pp. 1956-1963	1859-1558		
4.11	Dinh Tien Dung, Nguyen Thi Thanh Hoa, Nguyen Truong Phu, Nguyen Thi Thu Ha	2016	Reponse of freshwater snail ( <i>Angulyagra polyzonata</i> ) as water biomarker by heavy metals (Cd, Cu, Zn, Pb),	Vietnam agricultural science and Technology no. 1 (2), pages 126-129	1859-1558		
4.12	Nguyen Thi Thu Ha, Pham Gia Thang, Le Thi Phuong, Dinh Tien Dung, Do Phuong Chi	2018	Using the phytoplankton community structure index to assess the eutrophication level of Hanoi city lakes,	Science Vietnamese agricultural technology No. 6 (91), pp. 111-117	1859-1558		
4.13	Ta Thi Yen, Nguyen Thi Thu Ha, Dinh Tien Dung	2018	Laboratory-scale risk assessment of lead and cadmium to aquatic organisms,	Construction Vietnam No. 3/2018, pp. 105-109	0866-8762		
4.14	Nguyen Thi Thu Ha, Tran Thi Viet Anh, Dinh Tien Dung, Truong Thanh Ka, Trinh Quang Huy	2018	Evaluation of the effects of water quality on carp ( <i>Cyprinus carpio</i> ) in acute toxicity testing,	Agriculture and Rural Development, December issue, pp. 101-106	1859-4581		
4.15	Dinh Tien Dung, Nguyen Thi Thu Ha, Tran Thuy Duong, Nguyen Van Tan (2018),	2018	Surveying the distribution of plants to build a tool to quickly assess the level of salinity in irrigation canals in Thach Ha, Ha Static,	Agriculture and Rural Development Issue December, pp. 113-121	1859-4581		
4.16	Ho Thi Thuy Hang, Trinh Quang Huy, Nguyen Thi Thu Ha, Trinh Thi Lam, Dang Minh Hieu	2018	Research and manufacture of adsorbents from natural bentonite sources and rice husks,	Agriculture and Rural Development No. December topic, pages 60-66	1859-4581		

No.	Authors	Year	Title of papers/book	Name of publishers	ISSN/ISBN	IF	Notes
4.17	Nguyen Thi Thu Ha, Ho Thi Thuy Hang, Do Phuong Chi, Dinh Tien Dung, Trinh Quang Huy	2019	Treatment of domestic and livestock wastewater by algae on filter materials,	Agricultural Science of Vietnam vol. 17(10), pp. 826-834	1859-0004		
4.18	Do Phuong Chi, Dinh Tien Dung, Vu Pham Thai, Ha Ngoc Ha, Nguyen Thi Thu Ha	2020	Survey of acute toxicity of domestic antibiotics on amphibian larvae,	Vietnam Agricultural Science and Technology , number 9 (118), pages 122-129	1859-1558		
4.19	Nguyen Ngoc Tu, Nguyen Thi Thu Ha, Vo Huu Cong, Trinh Quang Huy	2020	Research on some solvents to separate residues of plant protection chemicals from packaging and treatment by the Fenton method at scale Laboratory,	Agriculture and Rural Development No. 3+4	1859-4581		
5	Text book, lecture notes (published)						
5.1	Trinh Quang Huy, Nguyen Thi Thu Ha	2021	Syllabus of Environmental monitoring	Vietnam National University of Agriculture Publishing House			
5.2	Trinh Quang Huy, Nguyen Dinh Manh, Nguyen Thi Thu Ha	2021	Syllabus of Environmental Impact Assessment	Vietnam National University of Agriculture Publishing House			
6	<b>Others (Monographs, patents, scientific awards,..)</b>						