**SCIENTIFIC CURRICULUM VITAE**

1. **Personal details**

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| Full name | **NGUYEN THI THU HA** | Birth date  | **3rd Sep 1986** |
| Academic title  | **Master** | Sex | **Female** |
| Administrative position | **Lecturer** | ID Number | **030186001303** |
| Department  | **Department of Environmental Technology, Faculty of Natural Resources and Environment (FONRE)** |
| Institution  | **Vietnam National University of Agriculture (VNUA)** |
| Address | **Trau Quy, Gia Lam** | City/prov | Hanoi  |
| Cell phone | **+84.906.170.086** |  |  |
| Email (office) | **thuha@vnua.edu.vn** |  |  |
| Second email | **ha170086@gmail.com** |  |  |
| Orcid number  |  | H-index  |  |

1. **Qualifications**

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| 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 |

1. **Professional experience**

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| --- | --- | --- | --- | --- |
| **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 |

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

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

1. **Expertise and research interests**
	1. Main research orientation: Environmental monitoring; Biological indicator; Environmental toxicology; Toxins and pollutants control
	2. List of research projects

| No. | Project name | Funding agency & amount | Project duration | Position in the project |
| --- | --- | --- | --- | --- |
|  | Investigating and evaluating the generation sources and characteristics of the wastewater drainage system in the area of ​​Hanoi Agricultural University as the basis for the selection of appropriate wastewater treatment technology | Vietnam National University of Agriculture | 2009 | Researcher |
|  | Calculating and designing schematic diagram of wastewater treatment technology generated within Hanoi University of Agriculture | Vietnam National University of Agriculture | 2010 | Researcher |
|  | Investigate and evaluate the current state of centralized livestock farm environment in Bac Giang province | People's Committee | 2013 | Researcher |
|  | 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 |
|  | 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 |
|  | Study on characteristics of natural nanoparticles (nanoclay) and application of Cr6+ treatment in electroplating wastewater | Vietnam National University of Agriculture | 2015 | Researcher |
|  | Investigating and identifying polluted environmental areas in Bac Giang province | People's Committee | 2015 | Researcher |
|  | 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 |
|  | Building a model to treat nitrogenous and phosphorus-rich wastewater from septic tanks using microalgae *Chlorela vulgaris* | Vietnam National University of Agriculture | 2015 | Manager |
|  | 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 |
|  | Adjustment of the planning for the network of environmental monitoring in Bac Giang province for the period 2010 – 2020 | People's Committee | 2016 | Researcher |
|  | Surveying, statistics and classifying waste sources from establishments inside and outside industrial zones and clusters in Bac Giang province | People's Committee. | 2017 | Researcher |
|  | Master project on environment in craft villages in Nghe An province, proposing solutions to manage and minimize pollution | People's Committee | 2017 | Researcher |
|  | 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 |
|  | 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 |
|  | Master project to treat serious environmental pollution in Nghe An province for the period 2016-2020 | People's Committee | 2018 | Researcher |
|  | Fabrication of Tectosilicate mineral materials from rice husk ash and application of reduced mobility of Pb2+ metal in soil | Vietnam National University of Agriculture | 2018 | Secretary |
|  | Fabrication of lightweight materials from silicate raw materials in agricultural residues for aquaculture water treatment applications | Vietnam National University of Agriculture | 2018 | Secretary |
|  | Master project for environmental protection in rural areas of Nghe An province | People's Committee | 2018 | Manager |
|  | Application of biotechnology in odor treatment and solid waste in livestock farms in Khoai Chau district, Hung Yen province | People's Committee. | 2018 | Researcher |
|  | 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 |
|  | 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 |

* 1. Publications and accomplishments

| No. | Authors | Year | Title of papers/book  | Name of publishers | ISSN/ISBN | IF | Notes  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **Article (s) in ISI-covered journal**  |
| **2** | **Article in other international Journal**  |
| **3** | **National/International Conference(s)** |
| **4** | **Article(s) in national scientific journal**  |
| 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 |  |  |
| 4.3 | Nguyen Ngoc Tu, Trinh Quang Huy, Nguyen Thi Thu Ha  | 2015 | Characteristics of natural nano-particles and the application of Cr6+ 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 (Angulyagra polyzonata),  | 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 |  |  |
| 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 (Angulyagra polyzonata) 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 (Cyprinus carpio) 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 |  |  |
| 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** | **Others (Monographs, patents, scientific awards,..)** |

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| Vietnam National University of Agriculture | *Hanoi, Jun 26 2021***NGUYEN THI THU HA** |
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