

SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name	NGUYEN NGOC TU	Birth date	15 Jul, 1977
Academic title	PhD	Sex	Male
Administrative position	Lecturer	ID Number	040077000487
Department	Department of Environmental Technology, Faculty of Natural Resources and Environment (FONRE)		
Institution	Vietnam National University of Agriculture (VNUA)		
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2. Qualifications

No.	Years	Academic Institution	Major/specialty	Academic degree
1	1997-2001	VNU-Hanoi University of Science	Environmental Management	Bachelor
2	2003-2005	Hanoi University of Science and Technology	Environmental Science and Technology	Master
3	2014-2020	VNU-Hanoi University of Science	Environmental Science	PhD

3. Professional experience

No.	Years	Institution	Address	Position
1	2007-2021	Department of Environmental Technology, Faculty of Natural Resources and Environment (FONRE), Vietnam National University of Agriculture (VNUA)	Trau Quy, Gia Lam, Hanoi	Lecturer
	2005-2007	Technical Materials Import Export Company (REXCO)	Dong Da, Hanoi	Saler
	2001-2002	Nghe An Department of Natural Resources and Environment	Vinh, Nghe An	Environmental Dept

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

Language	Reading	Writing	Speaking	Certificate/degree
English	C	C	C	B2

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.	Calculating and designing schematic diagram of wastewater treatment technology generated within Hanoi University of Agriculture	Vietnam National University of Agriculture	2010	Researcher
2.	Investigate and evaluate the current state of centralized livestock farm environment in Bac Giang province	People's Committee	2013	Researcher
3.	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
4.	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
5.	Study on characteristics of natural nanoparticles (nanoclay) and application of Cr ⁶⁺ treatment in electroplating wastewater	Vietnam National University of Agriculture	2015	Researcher
6.	Investigating and identifying polluted environmental areas in Bac Giang province	People's Committee	2015	Researcher
7.	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
8.	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
9.	Adjustment of the planning for the network of environmental monitoring in Bac Giang province for the period 2010 – 2020	People's Committee	2016	Researcher
10.	Surveying, statistics and classifying waste sources from establishments inside and outside industrial zones and clusters in Bac Giang province	People's Committee.	2017	Researcher
11.	Master project on environment in craft villages in Nghe An province, proposing solutions to manage and minimize pollution	People's Committee	2017	Researcher
12.	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
13.	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	Researcher

No.	Project name	Funding agency & amount	Project duration	Position in the project
14.	Master project to treat serious environmental pollution in Nghe An province for the period 2016-2020	People's Committee	2018	Researcher
15.	Research and manufacture of Tectosilicate mineral material from rice husk ash and application to reduce the mobility of Pb ²⁺ metal in soil	Vietnam National University of Agriculture	2018	Manager
16.	Master project for environmental protection in rural areas of Nghe An province	People's Committee	2018	Manager
17.	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	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
1	Article (s) in ISI-covered journal						
1.1	Nguyen, N.T., Nguyen, N.M., McNamara, M., Dultz, S., Meharg, A., Nguyen, T.V., Tran, T.C	2019	Encapsulation of lead in rice phytoliths as a possible pollutant source in paddy soils	Environmental and Experimental Botany, 162, 58-66		3.888	
1.2	Trinh, K.T., Nguyen, T.H.T, Nguyen, N.T., Ta-Yeong, W., Meharg, A.A., Nguyen, N.M	2017	Characterization and dissolution properties of phytolith occluded phosphorus in rice straw	Soil and Tillage Research, 171, 19–24		2.788	
2	Article(s) in national scientific journal						
2.1	Nguyen Ngoc Tu, Nguyen Thi Thu Ha, Vo Huu Cong, Trinh Quang Huy	2020	(2020), Study on selection of solutions for extraction and removal of pesticide residue from packagings by photo-fenton at Lab scale	Science and Technology Journal of Agriculture & Rural Development, 3+4	1859-1558		
2.2	Nguyen Ngoc Tu, Trinh Quang Huy, Ho Thi Thuy Hang, Nguyen Ngoc Minh	2018	Study on synthesis and assessment of Zeolite properties using SiO ₂ recovered from straw	Science and Technology Journal of Agriculture & Rural Development, 6/2018	1859-1558		

No.	Authors	Year	Title of papers/book	Name of publishers	ISSN/ISBN	IF	Notes
2.3	Nguyen Ngoc Tu, Trinh Quang Huy	2016	Study on the process of recovering SiO ₂ from rice husk by pyrolysis method	Journal of Ecological Economy, 50/2016, pp. 3-13	1859-2317		
2.4	Nguyen Ngoc Tu, Trinh Quang Huy, Nguyen Thi Thu Ha	2015	Characteristics of natural nano-particles and the application of Cr ⁶⁺ adsorption in solution,	Journal of Ecological Economics No. 49, page 3-10	1859-2317		
2.5	Nguyen Ngoc Tu, Trinh Quang Huy	2015	Study on using Fe ³⁺ and Al ³⁺ to denatrate bentonite Di Linh, Lam Dong	Journal of Ecological Economy, 49, 2015	1859-2317		
5	Text book, lecture notes (published)						
5.1	Pham Chau Thuy, Nguyen Ngoc Tu, Ly Thi Thu Ha, Ho Thi Thuy Hang, Vo Huu Cong	2021	Syllabus of Environmental Technology	Vietnam National University of Agriculture Publishing House			
6	Others (Monographs, patents, scientific awards,..)						