

SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name	Nguyen Duc Loc	Birth date	August 07, 1984
Academic title		Sex	Male
Administrative position	Lecturer	ID Number	
Department	Geodesy and Mapping, Faculty of Natural Resources and Environment		
Institution	Vietnam National University of Agriculture (VNUA)		
Address	Trau Quy, Gia Lam	City/prov	Hanoi
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Second email			
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2. Qualifications

No.	Years	Academic Institution	Major/specialty	Academic degree
1	2013	Hanoi University of Mining and Geology	Geodesy and Mapping	Master of Engineering
2	2019	Indian Institute of Remote Sensing	Remote Sensing and GIS	Post Graduate Diploma
3	2009	Hanoi University of Mining and Geology	Geodesy	Bachelor of Engineering

3. Professional experience

No.	Years	Institution	Address	Position
1	2010-now	Vietnam National University of Agriculture	Trau Quy, Gia Lam, Ha Noi	Lecturer
2	2009-2010	Nong Lam University	Linh Trung, Thu Duc, Ho Chi Minh	Lecturer

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

Language	Reading	Writing	Speaking	Certificate/degree
English	C	C	C	

5. Expertise and research interests

5.1 Main research orientation

Geomatics in Land Management and Natural Resources Management

5.2 List of research projects

No.	Project name	Funding agency & amount	Project duration	Position in the project

1	Development of software for processing cadastral network data in computer	VNUA	2014	Project leader
2	Application of Google Map APIs for building Thanh Ha lychee geographical indication map	VNUA	2016	Project leader
3	Development of an online map for VNUA	VNUA	2017	Project leader
4	An assessment of abandoned rice status in Nam Dinh province by analyzing Sentinel-1 time-series on cloud computing	VNUA	2020	Project leader
5	Agricultural Land Use and Management to Adapt Climate Change Serving the Goal of Agriculture Reconstruction in North Central Vietnam	World Bank	2020-2021	Member
6	Assess the current situation and propose solutions to create a land fund for socio-economic development in Thai Binh province	Department of Science and Technology (Thai Binh province)	2018	Member
7	Use of ICT to Assess Climate and Land Use Changes Impacts on Hydrological Responses and Sediment Yield for future Land Use Planning and Sustainable Water Management - A Case Study in the Upper Ma River Basin, Northwestern Vietnam.	SEARCA (Philippines)	2015-2016	Member
8	Modeling Land Use and Climate Changes Impacts on Hydrological Processes and Soil Erosion of Nam Rom River Basin in Viet Nam considering Sustainable Natural Resources Management	IFS (Sweden)	2014-2016	Member

5.3 Publications and accomplishments

No.	Authors	Year	Title of papers/book	Name of publishers/No.Vol, page	ISSN/ISBN	IF	Notes
1	Article (s) in ISI-covered journal						
2	Article in other international Journal						
2.1	Quyền Thị Lan Phương; Đỗ Văn Nhạ; Nguyễn	2020	A Rural Tourism Model with Local Community	TEST Engineering & Management			

	Khắc Việt Ba; Nguyễn Đức Lộc; Nguyễn Văn Thao		Participation in Vietnam – The Case of Yen Thuong, Cao Phong				
3	National/International Conference(s)						
3.1	Ngo Thanh Sơn, Nguyen Duy Binh, Nguyen Duc Loc	2015	Assessment of land use and climate changes on hydrological processes in upper Ma river basin, Northwest Vietnam.	Innovative Approaches to Land, Water and Environmental Research in Vietnam and Japan (Hanoi, Vietnam).			
3.2	Ngo Thanh Sơn, Nguyen Duy Binh, Hoang Le Huong, Nguyen Duc Loc	2016	Use of Remote Sensing and SWAT model to assess land use change and climate variability on water resources in the upper Ma river basin, North western Vietnam	In the proceeding: University Curricula and Research on Water Management and Agriculture for Climate Change Responses (NICHE-ACCCU, Netherlands)			
4	Article(s) in national scientific journal						
4.1	Phan Van Khue, Nguyen Duc Loc	2020	The applicability of the GPS grid map following the star link in the construction of the cadastral grid.	Journal of Science and Development – Vietnam Academy of Agriculture			
4.2	Phan Van Khue, Nguyen Duc Loc, Tran Thanh Ha	2018	Applied Unmanned Aerial Vehicle technology (UAV) for establishing current land use mapping	Journal of Vietnam Soil Science	Vol 54, 101-108.		

			for commune level.				
4.3	Nguyen Khac Nang, Nguyen Duc Loc, Tran Trong Phuong	2018	Three-dimensional Modelling by Volunteered Geographic Information Data	Vietnam Journal of Agricultural Sciences	Vol. 16, No.11, 2018. 1017-1023		
4.4	Nguyen Duc Loc, Tran Trong Phuong	2018	Building online campus map of Vietnam National University of Agriculture.	Science and Technology journal of Agriculture and Rural Development	Vol 10/2018, 33-38.		
4.5	Nguyen Duc Loc	2017	Buiding online map of litchi production area based on VietGap standard in Thanh Ha district, Hai Duong province.	Science and Technology Journal of Agriculture and Rural Development.			
4.6	Ngo Thanh Son, Hoang Le Huong, Nguyen Duc Loc	2017	Application of Remote Sensing and Indigenous Knowledge for Assessing Land Use/Land Cover Changes at the Upper Ma River Basin	Journal of Vietnam Soil Science. Vol 48. 70-76.			
4.7	Nguyen Duc Loc	2016	Application of GPS technology for establishment of cadastral control network in Dan Hoi commune, Luc Nam	Journal of Science (Tay Bac University)			

			district, Bac Giang province				
4.8	Nguyen Duc Loc	2016	A research on post processing kinematic GPS method for building cadastral network	Journal of Science (Tay Bac University)			
4.9	Nguyen Duc Loc, Nguyen Khac Nang, Nguyen Thi Thu Hien, Nguyen Dinh Trung	2015	The Program of Leveling Network Adjustment	Journal of Science and Development – Vietnam Academy of Agriculture, Vol 13, 2015			
5	Text book, lecture notes (published)						
5.1	Dang Nam Chinh, Phan Van Khue, Nguyen Duc Loc, Nguyen Thi Thu Hien	2015	Global Positioning System - GPS	Agricultural University Press			
5.2	Nguyen Khac Thoi, Nguyen Thi Thu Hien, Nguyen Duc Loc, Phan Van Khue	2015	Geodesy	Agricultural University Press			
6	Others (Monographs, patents, scientific awards,..)						

Vietnam National University of Agriculture

Hanoi, July 26, 2021

(Signed)

Nguyen Duc Loc