

SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name	TRAN QUOC VINH	Birth date	15/03/1972
Academic title	Associate Professor, PhD	Sex	Male
Administrative position	Vice Dean of the Faculty	ID Number	
Department	Department of Land Information System, 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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Second email			
Orcid number	https://orcid.org/0000-0002-8528-8247	H-index	: 3

2. Qualifications

No.	Years	Academic Institution	Major/specialty	Academic degree
1	2013	Hanoi University of Agriculture	Land Management	Ph.D
2	2004	The University of Agriculture No.I	Land Management	MSc
3	1995	The University of Agriculture No.I	Land Management	BSc

3. Professional experience

No.	Years	Institution	Address	Position
1	2016 – present	Department of Land Information System, Faculty of Natural Resources and Environment	Trau Quy Town, Gia Lam District, Hanoi	Senior Lecturer, Head of the Department, Vice Dean of the Faculty
2	2011 - 2016	Department of Land Information System, Faculty of Land Management, Vietnam National University of Agriculture	Trau Quy Town, Gia Lam District, Hanoi	Senior Lecturer and Head of the Department
3	2007 – 2011	Department of Land Information System, Faculty of Land Management, Hanoi University of Agriculture No.I	Trau Quy Town, Gia Lam District, Hanoi	Head of the Department
4	1995 – 2007	Department of Land Information System, Faculty of Land Management, Hanoi University of Agriculture No.I	Trau Quy Town, Gia Lam District, Hanoi	Lecturer

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

- (1) Application of RS and GIS in mapping, land use change assessment, soil erosion assessment, and land database establishment.
- (2) Evaluating the land suitability, Assessing the conversion of land use structure, Assessing the impacts of climate change on land and water resources for agricultural development, effective and sustainable use of land and water resources.

5.2 List of research projects

No.	Project name	Funding agency & amount	Project duration	Position in the project (manager, coordinator, secretary, researcher)
1	Research on identifying a combination of specialized fertilizers for oranges, pomelos and dragon fruit during the business period in some main growing areas	Ministry of Agriculture and Rural Development	2018	Participate
2	Inventory of land and Establishment a map of the current status of land use in Gia Lam district, Hanoi	Hanoi City	2015	Leader
3	Planing a land use plan in Tam Nong district, Phu Tho province	Phu Tho Province	2017	Leader
4	Planing a land use plan in Tam Nong district, Phu Tho province	Phu Tho Province	2016	Leader
5	Planing a land use plan in Tam Nong district, Phu Tho province	Phu Tho Province	2015	Leader
6	Establish a map of land cover coefficient (C) in soil erosion, a case study in Tam Nong district, Phu Tho	Hanoi University of Agriculture	2010	Leader
7	Establish the database to assess the soil erosion by using RS and GIS technology for slope land protection in Tam Nong distric, Phu Tho province. The result was evaluated at a good level.	Ministry of Education and Training	2008 - 2009	Leader
8	Application of RS and GIS in assessing the urbanisation in suburban area of Hanoi	Ministry of Education and Training	2006-2007	Participate
9	Using RS images to study the urbanization speed in Hanoi	Hanoi University of Agriculture	2004	Leader
10	Study the applicability of	Ministry of	2001-2002	Participate

No.	Project name	Funding agency & amount	Project duration	Position in the project (manager, coordinator, secretary, researcher)
	GIS to establishment of land database for sustainable agricultural development	Education and Training		
11	Application of GIS (by ARC/INFO method) on evaluating suitable land for crop structure in Chau Giang district, Hung Yen province	Ministry of Education and Training	1999-2000	Participate
12	Applying several functions of GIS to manage cadastral data	Ministry of Education and Training	1996-1998	Participate

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						
1.1	Thanh Noi Phan , Martin Kappas, Khac Thoi Nguyen, Trong Phuong Tran, Quoc Vinh Tran & Ammar Rafiei Emam	2019	Evaluation of MODIS land surface temperature products for daily air surface temperature estimation in northwest Vietnam	International Journal of Remote Sensing. Taylor & Francis Online, Volume 40, Issue 14.	0143-1161	1.782	
1.2	Pham Quy Giang, Kosuke Toshiki, Masahiro Sakata, Shoichi Kunikane, and Tran Quoc Vinh	2014	Modelling Climate Change Impacts on the Seasonality of Water Resources in the Upper Ca River Watershed in Southeast Asia	The Scientific World Journal, Article ID 279135, 14 pages.	1537-744X	1.219	
2	Article in other international Journal						
2.1	Le Thi Giang, Nguyen Duc Thuan, Tran Quoc Vinh	2016	Research and application of Remote sensing and GIS technologies in determining and	Real Estate Management and Valuation, Volume 24, issue 3, Poland	2300-5289		

No.	Authors	Year	Title of papers/book	Name of publishers/No .Vol, page	ISSN/ ISBN	IF	Notes
			forecasting land use changes by Markov chain in Y Yen district – Nam Dinh Province				
2.2	Le Thi Giang, Tran Quoc Vinh	2014	Application of GIS technology to assess the affect of sea level rise on agricultural land. Case study of Nghia Hung district, Nam Dinh province	Number 13(2) 2014, Acta scientiarum polonorum	1644-0749		
3	National/International Conference(s)						
3.1	Tran Quoc Vinh, Le Thi Giang, Phan Van Khue	2020	Apply webgis technology to build online maps	Proceedings of the National GIS Application Conference 2020. Agricultural Publishing	978.60.60.324.5		
3.2	Tran Quoc Vinh, Phan Thi Quyen, Nguyen Duc Thuan	2019	Application of Remote Sensing and GIS to determine forest cover change in QuyHop District, NgheAn Province	Proceedings of the National GIS Application Conference 2019. Agricultural Publishing	978.60.60.310.8		
3.3	Tran Quoc Vinh, Ho Huy Thanh, Le Thi Giang	2019	Evaluating suitable land for the agricultural production of Hatinh City, Hatinh Province	Proceedings of the National GIS Application Conference 2019. Agricultural Publishing	978.60.60.310.8.		
3.4	Tran Quoc Vinh, Nguyen Duc Thuan	2018	Research application GIS to establish land price databases to serve financial management of land	Proceedings of the National GIS Application Conference 2018. Agricultural Publishing	978.60.60.284.0		
4	Article(s) in national scientific journal						
4.1	Trần Quốc	2021	Application of GIS to	The Journal of	1859-		

No.	Authors	Year	Title of papers/book	Name of publishers/No .Vol, page	ISSN/ ISBN	IF	Notes
	Vinh, Phạm Thành Hưng Nguyễn Đức Thuận, Phạm Quý Giang		establish land price databases in Gia Bình town, Gia Bình District, Bắc Ninh Province	Soil Science 62/2021. Page 90-95	4581		
4.2	Tran Quoc Vinh, Ho Huy Thanh	2020	Evaluating suitable land for the agricultural production of Hatinh city, Hatinh province	The Journal of Soil Science 60/2020. Page 121-126	2525-2216		
4.3	Nguyen Duc Thuan, Tran Quoc Vinh, Pham Quy Giang	2020	Study on separating construction land and bare land in Dien Bien city, Dien Bien province from satellite image data	The Journal of Soil Science 60/2020. Page 75-81	2525-2216		
4.4	Nguyen Duc Thuan, Tran Quoc Vinh	2020	Fast estimating the biomass on the forest canopy surface of Ba Vi National Park using remote sensing technology	The Journal of Soil Science 59/2020. Page 77-82	2525-2216		
4.5	Tran Quoc Vinh, Chu Dai Viet, Pham Quy Giang	2019	Application of Remote Sensing and GIS to establish a rice-land database for the protection of the national heritage area of terraced fields in Hoang Su Phi district, Ha Giang province	Science and Technology Journal of Agriculture and Rural Development. No 8:136-142.	1859-4581		
4.6	Tran Quoc Vinh, Nguyen Duc Thuan	2017	Application of vegetation index (NDVI) in determining changes in area of paddy rice cultivated land in MeLinh district, HaNoi	The Journal of Soil Science 59/2020. Page 77-82	2525-2216		
4.7	Tran Quoc	2017	Application of	Science and	1859-		

No.	Authors	Year	Title of papers/book	Name of publishers/No .Vol, page	ISSN/ ISBN	IF	Notes
	Vinh		remote sensing and GIS in assessing the land use changes in Gia Binh district, Bac Ninh province	Technology Journal of Agriculture and Rural Development. No 19:95-102	4581		
4.8	Nguyen Thi Thu Hien, Tran Quoc Vinh	2017	Constructing map of agricultural soil erosion risk by spatial analysis technique of GIS in Tam Nong district, Phu Tho province	Vietnam Journal of Agricultural Sciences . Vol 15., No 6: 796-807	1859-0004		
4.9	Tran Quoc Vinh, Nguyen Thi Cam Van	2017	Application of GIS to establish land price databases in Hoa Thanh Commune, Yen Thanh District, Nghe An Province	The Journal of Soil Science 50/2017. Page 96-102	2525-2216		
4.10	Tran Quoc Vinh, Nguyen Thuy Ngan	2016	Application of Remote Sensing and GIS to assess forest cover change during the 2010-2015 period in Huong Khe District, Ha Tinh Province	The Journal of Soil Science No 48: 82-87.	2525-2216		
4.11	Ho Huy Thanh, Dao Chau Thu, Tran Quoc Vinh	2016	Mapping Land Units and evaluating suitable land for the Agricultural Production in the suburban of Hatinh city	Vietnam Journal of Agricultural Sciences . Vol 14., No 3: 409-421	1859-0004		
4.12	Vu Thi Ngoc Ha, Tran Quoc Vinh	2015	Application of ViLIS software for registration of land use rights, issuance of land tenure certificates in Co Bi commune, Gia Lam district, Hanoi city	The Journal of Soil Science No 45.	2525-2216		
5	Text book, lecture notes (published)						
5.1	Le Thi Giang,	2021	Geographic	Agricultural	978-		

No.	Authors	Year	Title of papers/book	Name of publishers/No .Vol, page	ISSN/ ISBN	IF	Notes
	Tran Quoc Vinh, Pham Quy Giang, Doan Thanh Thuy		Information System	Academy Publishing house	604-924-280 -9		
5.2	Le Thi Giang, Tran Quoc Vinh, Nguyen Dinh Cong	2017	Land database	Agricultural Academy Publishing house	978-604-924-280 -9		
5.3	Tran Quoc Vinh, Nguyen Duc Thuan, Pham Quy Giang	2016	Informatics application to draw maps	Agricultural Academy Publishing house	978-604-924-280 -9		
	Pham Vong Thanh, Nguyen Khac Thoi, Tran Quoc Vinh, Nguyen Thi Thu Hien	2012	Remote Sensing	Agricultural Academy Publishing house	978-604-924-280 -9		
6	Others (Monographs, patents, scientific awards,...)						
	Nguyen Hai Thanh, Tran Quoc Vinh, le Thi Giang	2006	Applied Informatics in Agriculture	Publishing scientific and technical			

Vietnam National University of Agriculture

Hanoi, July 3, 2021
(Full name and signature)

Tran Quoc Vinh