

SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name	BUI LE VINH	Birth date	07 June 1980
Academic title	Dr.	Sex	Male
Administrative position	Lecturer	ID Number	
Department	Land Administration, Faculty of Natural Resources and Environment (FONRE)		
Institution	Vietnam National University of Agriculture (VNUA)		
Address	Trau Quy, Gia Lam	City/prov	Hanoi
Cell phone	+84 989 928 671		
Email (office)	blvinh@vnua.edu.vn		
Second email	bui_le_vinh@yahoo.com		
Orcid number	https://orcid.org/0000-0003-1336-317X	H-index	

2. Qualifications

No.	Years	Academic Institution	Major/specialty	Academic degree
1	2015	Hohenheim University	Soil science	Doctor of Philosophy
2	2007	Vrije Universiteit Brussel	Engineering geology	Master of Science
3	2004	University of Languages & International Studies	English	Bachelor of Art
4	2002	Vietnam National University of Agriculture	Land Administration	Bachelor of Science

3. Professional experience

No.	Years	Institution	Address	Position
1	2003-present	Vietnam National University of Agriculture	Trau Quy – Gia La – Hanoi – Vietnam	Lecturer
2	2015-2017	International Center for Tropical Agriculture	Km2, Pham Van Dong Street, Nam Tu Liem, Hanoi, Vietnam	Postdoctoral researcher
3	2009-2015	Hohenheim University	Stuttgart, Germany	PhD candidate under the Uplands Program
4	2002-2003	Sustainable Agriculture Development Center	Vietnam National University of Agriculture Trau Quy – Gia La – Hanoi – Vietnam	Junior researcher

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

Language	Reading	Writing	Speaking	Certificate/degree
English	D	D	D	- BA - IELTS 7.0

5. Expertise and research interests

5.1 Main research orientation

Bui Le Vinh has worked on agricultural research for development since 2002. He studied Land Management (BSc in 2002) at Vietnam National University of Agriculture (VNUA) and started working for the university after the graduation. He studied soil science at Ghent University and Vrije Universiteit Brussel (MSc in 2007) and Hohenheim University (PhD in 2015) with emphasis on digital soil mapping using fuzzy logic method. During his PhD period, he conducted soil surveys in northern mountain region of Vietnam under the Uplands Program funded by DFG (Germany). From April 2015 to April 2017, he was a postdoctoral researcher at the International Center for Tropical Agriculture (CIAT), working under the CCAFS program. Since 2017, he has founded and been leading a research group entitled Climate-Resilience AgriFood Systems (CRAFS) at VNUA. The work of the CRAFS team covers a wide range of disciplines around the climate change aspects of climate-smart agriculture, climate-smart village, including: land degradation and soil restoration, entomology, soil nutrients and fertilizers, policy advocacy, agricultural economics, value chains, gender, statistics, GIS modeling, etc. List of research projects

No.	Project name	Funding agency & amount	Project duration	Position in the project (manager, coordinator, secretary, researcher)
1	Resilience at the margins: Climate risk mapping and spatial decision support systems for strengthening the climate change resilience of the furthest behind in rural communities in Viet Nam	Irish Aid 351,000 EUR	6/2021-3/2023	Project co-leader
2	NUI Galway – Vietnam National University of Agriculture (VNUA) Vietnam Ireland Bilateral Education Exchange (VIBE) Programme on Climate Resilient Agriculture & Environmentally Sustainable Landscapes	Irish Aid 181,000 EUR	1/2019-12/2021	Principal investigator
3	Scaling climate-smart villages in Yen Bai province to promote implementation of climate-smart agriculture and One Commune One Product (OCOP) initiative of the National Target Program on New Rural Development in the 2021-2025 period	Ministry of Agriculture & Rural Development 100,000 EUR	1/2020-6/2021	Principal investigator
4	CRP 7 on Climate Change, Agriculture and Food Security (CAAFS): Impact assessment of a local seventeen-year initiative on cassava-based soil conservation measures on sloping land, as a climate-smart agricultural (CSA) practice, in Van Yen district of Yen Bai province	CAAFS SEA 15,525 USD	9/2019-6/2020	Principal investigator
5	Assessment of how intercropped legumes helps restore degraded soils, improve crop yields and dampen redmite population build-up of herbivorous mites in cassava fields of northern Vietnam using digital soil mapping and GIS techniques	ARES-CCD 20,000 EUR	1/2018-1/2020	Principal investigator
6	Impact of climate change on rice productivity and climate adaptation strategies of rice farmers in Nghe An province	ARES-CCD 1,000 EUR	April-December 2021	Key member

5.2 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	Giles J, Grosjean G, Le Coq J-F, Huber B, Bui VL and Läderach P	2021	Barriers to implementing climate policies in agriculture: A case study from Viet Nam	Frontiers in Sustainable Food Systems	5:439881		
1.2	Wyckhuys, K. A. G., Burra, D. D., Tran, D. H., Graziosi, I., Walter, A. J., Nguyen, T. G., Le, B.V, Le , T.T.N, Fonte, S. J.	2017	Soil fertility regulates invasive herbivore performance and top-down control in tropical agroecosystems of Southeast Asia	Agriculture, Ecosystems and Environment	249, 38–49	5.567	
1.3	Bui, L. V. , Stahr, K., & Clemens, G.	2017	A fuzzy logic slope-form system for predictive soil mapping of a landscape-scale area with strong relief conditions	Catena	155, 135–146	5.198	
2 Article in other international Journal							
2.1	Trung Thanh Nguyen, Vinh Le Bui , Didier Lesueur, Mary Atieno, Cuong Tuan Nguyen, Ed Sarobol, Arunee Wongkaew, Sutkhet Nakasathien	2021	Enhancing soil erosion management and economic returns of smallholders by intercropping legumes with cassava in Northern mountainous areas of Vietnam	Plant Protection Science			Under review
3 National/International Conference(s)							
3.1	Bui Le Vinh	2021	Integrating the Climate Smart Village Approach in Vietnam's NTM Program for 2021-2030	Scaling Out Climate Smart Agriculture via Climate Smart Villages: Lessons and Good Practices from Southeast Asia	CCAFS SEA. 20/01/2021		
3.2	Bui Le Vinh	2020	CSV approach and scaling pathways into Vietnam's NTM 2021-2030 Strategy	SOLVE Vulnerability of Smallholders to Climate Change Impacts	The Philippines 23/09/2020		
3.3	Bui Le Vinh , Nguyen Duc Tung,	2019	Triple win of climate-resilient	Oral presentation at regional congress	October 17th-18th, 2019		

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	Nguyen Tuan Cuong, Doan Thanh Thuy, Nguyen Van Hanh, Kris Wyckhuys, Vu Thanh Bien		cassava-cowpea intercrop practice in Northern Vietnam	on Root and tuber crops for food security and climate change resilience in Asia, Quezon city, the Philippines			
3.4	Bui Le Vinh , Charles Spillane	2019	Climate Resilient Agriculture and Environmentally Sustainable Landscapes	Oral presentation at Ireland-Vietnam Dialogue on Education, Research and Innovation, Dublin, Ireland	October 15 th , 2019		
3.5	Bui Le Vinh	2019	CCAFS P1596 project on enhanced adaptive capacity and resilient livelihoods of marginalized farmers and women in southeast Asia	Oral presentation at 2019 annual CCAFS meeting, Hanoi, Vietnam	November 19 th -20 th , 2019		
3.6	Bui Le Vinh	2018	CCAFS P1596 project on enhanced adaptive capacity and resilient livelihoods of marginalized farmers and women in southeast Asia	Oral presentation at 2018 annual CCAFS meeting, Hanoi, Vietnam	November 19 th -20 th , 2018		
3.7	Bui Le Vinh	2018	Climate-Smart Village approach in implementation of Nong thon moi	Oral presentation at 2018 national convention on National Target Program on New Rural Development (Nong thon moi), Vinh Yen city, Vietnam	August 6 th , 2018		
3.8	Bui Le Vinh	2018	Climate-Smart Village approach in implementation of Nong thon moi	Oral presentation at 2018 regional workshop on National Target Program on New Rural Development (Nong thon moi), Da Nang city, Vietnam	November 19 th -20 th , 2017		
3.9	Bui Le Vinh	2017	CCAFS FP2.1 project on enhanced adaptive capacity	Oral presentation at 2017 annual	November 19 th -20 th , 2017		

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			and resilient livelihoods of marginalized farmers and women in southeast Asia	CCAFS meeting, Hanoi, Vietnam			
3.10	Bui Le Vinh	2016	CCAFS FP2.1 project on enhanced adaptive capacity and resilient livelihoods of marginalized farmers and women in southeast Asia	Oral presentation at 2016 annual CCAFS meeting, Hanoi, Vietnam	November 19 th -20 th , 2016		
3.11	Le Vinh Bui, Gerhard Clemens, Karl Stahr	2016	An improved fuzzy logic slope-form system for predictive soil mapping of a landscape-scale area with strong relief conditions	Oral presentation at the DSM 2016, Aarhus University, Denmark	June 27 th – July 1 st , 2016		
3.12	Bui Le Vinh	2015	CCAFS FP2.1 project on enhanced adaptive capacity and resilient livelihoods of marginalized farmers and women in southeast Asia	Oral presentation at 2015 annual CCAFS meeting, Hanoi, Vietnam	November 19 th -20 th , 2015		
3.13	Le Vinh Bui, Gerhard Clemens, Karl Stahr	2013	Soil and soil quality mapping for an extreme relief region using a detailed fuzzy slope forms	Oral presentation at the International scientific conference on “Soils in Space and Time 2013”, Ulm University, Germany	September 30 th –October 5 th , 2013		
3.14	Le Vinh Bui, Gerhard Clemens, Karl Stahr	2013	Effects of slope forms and soil organic matter content on soil quality	Poster presentation at Tropentag 2013, Hohenheim University, Stuttgart, Germany	September 17 th -19 th , 2013		
3.15	Le Vinh Bui, Gerhard Clemens, Karl Stahr	2012	Soil mapping using fuzzy logic method	Oral presentation at the International scientific conference on “Innovative Approaches to Land, Water and	September 28 th , 2012		

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				Environmental Research in Vietnam and Japan”, Vietnam National University of Agriculture			
3.16	Le Vinh Bui , Gerhard Clemens, Karl Stahr	2012	Soil Mapping for an Extreme Relief Area Using Fuzzy Slope Positions	Poster presentation at Tropentag 2012, Goetingen University, Germany	September 17 th -19 th , 2012		
3.17	Le Vinh Bui , Gerhard Clemens, Karl Stahr	2012	A soil mapping approach combining SOTER and SoLIM	Oral presentation at the International scientific conference on “Sustainable Land Use and Rural Development in Mountain Areas”, Hohenheim University	April 16 th -18 th , 2012		
4	Article(s) in national scientific journal						
4.1	Vu Thanh Bien, Natalie Cunningham, Nguyen Duc Trung, Peter McKeown, Charles Spillane, Bui Le Vinh	2021	Assessing climate change impacts and prioritising adaptation measures using Climate-Smart Agriculture Rapid Appraisal (CSA-RA): A case study in Thuong Bang La commune, Van Chan district, Yen Bai province	Vietnam Journal of Agricultural Sciences			Under review
4.2	Trieu Hong Lua, Vu Thanh Bien, Nguyen Hai Nui, Nguyen Van Quan, Do Thi Duc Hanh, Nguyen Tuan Cuong, Do Thi Thu Ha, Bui Le Vinh	2021	Impact assessment of conservation measures in cassava production on sloped land of Yen Bai after seven-teen years	Science and Technology Journal of Agriculture and Rural Development			Accepted for publication in July 2021
4.3	Bui Le Vinh	2021	A systematic review of Climate-Smart Village (CSV) and recommendations for adoption in the implementation of Nong thon moi	Science and Technology Journal of Agriculture and Rural Development	406 (1): 3-15		

No.	Authors	Year	Title of papers/book	Name of publishers/ No.Vol, page	ISSN/ISBN	IF	Notes
			towards climate resilience in the 2021-2030 Strategy				
4.4	Nui, N., Bien, V., Trung, N., Lua, T., Cuong, N., Spillane, C., Brychkova, G., McKeown, P., & Vinh, B.	2021	Cassava farmers' perception on climate change: A case study in Van Yen district, Yen Bai province	Vietnam Journal of Agricultural Sciences	3(3), 700-711		
4.5	Bui Le Vinh , Vu Thanh Bien	2020	A systematic review of Climate-Smart Agriculture (CSA) practices and recommendations for adoption in the implementation of Nong thon moi in the 2021-2030 Strategy	Science and Technology Journal of Agriculture and Rural Development	Special Issue of November 2020 "Climate Change and Sustainable Agricultural Development". 154-166		
4.6	Vu T.B., Trieu H.L., Nguyen V.Q., Do T.D.H., Nguyen T.C., Do T.T.H, Bui L.V	2020	Farmers' perceptions on land degradation on cassava sloping land and roles of conservation agriculture practices in Yen Bai province	Science and Technology Journal of Agriculture and Rural Development	393 (2): 58-65		
5	Text book, lecture notes (published)						
5.1	Gonsalves J; Campilan D; Smith G; Bui VL ; Jimenez FM (Eds.).	2015	Towards climate resilience in agriculture for Southeast Asia: an overview for decision-makers	International Center for Tropical Agriculture (CIAT). CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS)			
5.2	Karl Stahr, Gerhard Clemens, Ulrich Schuler, Petra Erbe, Volker Haering, Nguyen Dinh Cong, Michael Bock, Vu Dinh Tuan, Heinrich Hagel, Bui Le Vinh , Wanida Rangubpit, Adichat Surinkum, Jan Willer, Joachim Ingwersen, Mehdi	2013	Beyond the horizons: Challenges and prospects for soil science and soil care in Southeast Asia" in "Sustainable land use and rural development in Southeast Asia: Innovations and policies for mountainous areas	Springer Environmental Science and Engineering. Springer, Berlin, Heidelberg. 2013. 490 pp.			

No.	Authors	Year	Title of papers/book	Name of publishers/ No.Vol, page	ISSN/ISBN	IF	Notes
	Zarei, Ludger Herrmann						
6	Others (Monographs, patents, scientific awards,..)						
6.1	Bui LV , Imbach P, Talsma T, Tran HT, Tran CT, Nguyen NL	2020	Assessment of climate change impacts and issues to support the making of new Nông Thôn Mới (Vietnam's National Target Program on New Rural Development) criteria for the 2021- 2030 Strategy	CCAFS Working Paper no. 328			
6.2	Bui Le Vinh , Nguyen Hai Nui, Nguyen Tuan Cuong, Nguyen Duc Trung, Trieu Hong Lua, Doan Thanh Thuy, Nguyen Duc Tung, Vu Thanh Bien, Nguyen Thu Ha	2020	Conservation agriculture for a climate-resilient and sustainable upland agriculture	CCAFS Info Note			
6.3	Bui LV , Nguyen HN, Nguyen TC, Nguyen DT, Trieu HL, Doan TT, Nguyen DT, Vu TB, Nguyen TH	2020	Impact assessment of a local seventeen- year initiative on cassava-based soil conservation measure on sloping land, as a climate- smart agricultural (CSA) practice, in Van Yen district of Yen Bai province	CCAFS Working Paper No. 308			

Vietnam National University of Agriculture

Hanoi,

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(Full name and signature)

Hanoi, 30 June, 2021
(Full name and signature)

(Signed)

Faculty of Natural Resources and Environment (FONRE), Vietnam National University of Agriculture

Bui Le Vinh