

CURRICULUM VITAE

Dr. Manh Hung Bui
Vietnam National University of Forestry
Xuan Mai, Chuong My, Hanoi



1. PERSONAL INFORMATION

- Full name: **MANH HUNG BUI**
- Preferred name: **HUNG**
- Nationality: Vietnam.
- Date of birth: March 3rd 1981
- Place of birth: Bac Ma village, Binh Duong commune, Dong Trieu district, Quang Ninh province, Vietnam.
- Native place: Chua village, Chi Hoa commune, Hung Ha district, Thai Binh province, Vietnam.
- Passport number: B8302612
- ID card number: 111600332
- Education level: Doctor
- E-mail: hungbm@vfu.edu.vn
- Personal website: www.lamngheipvn.info
- Espertise: Data analysis, forest inventory, forest growth and structure, ecology modelling, forest restoration, forest yield, forest ecology and silviculture, digital maps, GIS and remote sensing, plant biodiversity conservation.
- Organization: Scientific Journal and Website Division, Vietnam National University of Forestry (VNUF), room 217, A1 building. Or Forest inventory and planning department, Faculty of Forestry, VNUF, Xuan Mai town, Chuong My district, Hanoi, Vietnam.
- Position: Vice-head of Division
- Home address: Xuan Mai town, Chuong My district, Hanoi, Vietnam.
- Present: Vice-head of Scientific Journal and Website Division, Vietnam National University of Forestry (VNUF). Lecturer of Forest Inventory and Planning Department, Faculty of Forestry, VNUF, Xuan Mai, Chuong My, Hanoi, Vietnam.

2. EDUCATION

Time	Institution	Degree
2013 - 2016	Dresden University of Technology, Dresden, Germany	Did PhD at the Chair of Silviculture, Faculty of Environmental science
2010 - 2011	Australian National University, Canberra, Australia	Master in Forestry
2009 - 2010	Australian National University, Canberra, Australia	Graduate diploma in Environmental Management and Development

1999 - 2003 Vietnam National University of Forestry
Forestry, Hanoi, Vietnam

3. SCHOLARSHIP AND AWARD

2016:	Graduate Academy, TU-Dresden grant for short-term abroad research stay in Vietnam for 1.5 months.
2014:	Rufford small grant for fieldwork research in Kon Ka Kinh National Park, Gia Lai, Vietnam for 5 months.
2013:	Vietnamese Government Scholarship for doctoral study in Germany for 4 years.
2009:	Australian Government Scholarship for graduate diploma and master study in Australia for 2.5 years.
2001:	Hassen scholarship award of Japanese Government for excellent Vietnamese bachelor students.
2000-2003:	Scholarship from Vietnam National University of Forestry for excellent students

4. WORKING EXPERIENCE

2017 - Present	Lecturer of Forest Inventory and Planning Department, Faculty of Forestry, Vietnam National University of Forestry (VNUF), Xuan Mai town, Chuong My district, Hanoi, Vietnam.
2014 - 2016	Phd student at the Chair of Silviculture, Institute of Silviculture and Forest protection, Faculty of Environmental science, Dresden University of Technology, Germany.
2011 - 2013:	Lecturer at Forest inventory and planning department, silviculture faculty, Vietnam Forestry University.
2009 - 2011:	Lived and studied in Australia.
2003 - 2008:	Worked as a part-time staff in Bach khoa information technology center in Xuan Mai town, Chuong My district, Hanoi to repair desktops and laptops, analyse social and forestry data and build digital maps.
2003 - 2008:	Lecturer at Forest inventory and planning department, silviculture faculty, Vietnam Forestry University.

5. PUBLICATIONS

5.1. Articles

- 1 Hoang Van Tuan, **Bui Manh Hung** (2018). Quality structure and biodiversity of natural forests at Ba Be national park, Bac Kan. Science and Technology journal of Agriculture and Rural development. Vol .../2018, P.-....., ISSN 1859-4581.

- 2 **Bui Manh Hung** (2018). Univartiate, multivariate and permutational analysis of variance methods for forestry data by using R. Vietnam Journal of Forest Science. Vol 1/2018, P. 93-103, ISSN: 1859-0373.

- 3 Nguyen Van Trieu, **Bui Manh Hung** (2018). Structural characteristics, quality and plant biodiversity in forest types at Xuan Son national park, Phu Tho province. Journal of Agricultural Science and Technology, Vol. .../2018, P. ...-...., ISSN 1859-1523.

- 4 Nguyen Thi Bich Phuong, **Bui Manh Hung** (2018). Variations of soil chemical properties at different horizons under natural forest canopy in Kon Ka Kinh national park, Gia Lai. Vietnam Journal of Forest Science. Vol 1/2018, P. 83-92, ISSN 1859-0373.

- 5 **Bui Manh Hung**, Nguyen Tien Phong (2018). Spatial distribution and relationships of species in natural forests, Na Hang, Tuyen Quang. Science and Technology journal of Agriculture and Rural development. Vol 8/2018, P. 135-142, ISSN 1859-4581.

- 6 Myo Min Thant, **Bui Manh Hung** (2018). Relationships and spatial distribution of species in North Zamari reserve forest, Thayarwaddy, Myanmar. Journal of Forestry Science and technology. Vol 2/2018. P. 55-64, ISSN 1859-3828.

- 7 Bui The Doi, Pham Tuan Vinh, **Bui Manh Hung** (2018). Ecological characteristics of *Mesua ferrea* L. in Da Huoi, Lam Dong province. Science and technology journal of Agriculture and Rural development. Vol 3/2018, P. 31-40, ISSN 1859-4581.

- 8 **Bui Manh Hung** (2018). Structure of tropical forest ecosystem: history and development - a review. Journal of Forestry Science and technology. Vol 2/2018. P. 44-54, ISSN 1859-3828.

- 9 **Bui Manh Hung**, Vo Dai Hai (2018). Biodiversity and ecological relationships of species in natural forests at Kon Ka Kinh national park, Gia Lai. Science and technology journal of Agriculture and Rural development. Vol 5/2018, P. 131-143, ISSN 1859-4581.

- 10 **Bui Manh Hung** (2018). Multivariate analysis methods for forestry research data, using SAS. Journal of Forestry Science and technology. Vol 1 (2018). P. 43-52, ISSN 1859-3828.

- 11 **Bui Manh Hung**, Vo Dai Hai (2017). Spatial distribution of overstorey trees analyzed by replicated point patten method in R. Vietnam Journal of Forest Science. Vol 3/2017, P. 105-115, ISSN: 1859-0373.

- 12 **Bui Manh Hung**, Le Xuan Truong (2017). Changes in structure and quality of natural forest overstorey in Kon Ka Kinh national park, Gia Lai. Vietnam Journal of Forest Science. Vol 3/2017, P. 85-96, ISSN: 1859-0373.

- 13 Hoang Van Hai, **Bui Manh Hung** (2017). Forecasting the tree growth for forests on limestone mountains in Cam Pha, Quang Ninh province. Journal of Forestry Science and technology. Vol 4/2017, P. 54-63, ISSN 1859-3828.

- 14 **Bui Manh Hung**, Bui The Doi (2017). Applying linear mixed model (LMM) to analyze forestry data, checking autocorrelation and random effects, using R. Journal of Forestry Science and technology. Vol 2. P. 17-26, ISSN 1859-3828.

- 15 **Bui Manh Hung**, Nguyen Thi Bich Phuong (2013). Stata - a new solution for forestry data analysis. Journal of Forestry Science and technology. Vol 3. P. 128-132, ISSN 1859-

- 16 **Bui Manh Hung**, Nguyen Thi Bich Phuong (2012). Building toolboxes for forestry data analyses. Journal of Forestry Science and technology. Vol 2. P. 3-13, ISSN 1859-3828.
- 17 Nguyen Viet Xuan, Vu Tan Phuong, **Bui Manh Hung** (2012). Developing biomass expansion factors for main plantation species in Vietnam. Science and technology journal of agriculture and rural development. Vol 1/2012, P. 81-87, ISSN 1859-4581.
- 18 **Bui Manh Hung**, Nguyen Duy Thinh (2011). Function arrangement and algorithm to build toolboxes for forest structure analysis. Science and technology journal of agriculture and rural development. Vol 11/2011, P. 151-155, ISSN 1859-4581.
- 19 Nguyen Van Thang, Tran Lam Dong, Tran Van Do, Nguyen Ba Van, **Bui Manh Hung** (2011). Structural characteristics of the forests with the dominance of *Castanopsis piriformis* in Lam Dong province. Science and technology journal of agriculture and rural development. Vol 21/2011, P. 91-95, ISSN 1859-4581.
- 20 **Bui Manh Hung**, Nguyen Thi Bich Phuong (2011). SPSS – A solution for forestry data analysis problems. Journal of Forestry Science and technology. Vol 1. P. 26-30, ISSN 1859-3828.

5.2. Books

- 1 Bui Manh Hung (2018), Structure analysis and restoration of secondary forests in Vietnam. Lambert Academic Publishing, Saarbrücken, German. ISBN: 978-3-659-68047-2.
- 2 Bui Manh Hung (2018), Effects of terrain and age on *Acacia Mangium* forests in Vietnam. Lambert Academic Publishing, Saarbrücken, German. ISBN: 978-613-9-85876-7.
- 3 Nguyen Thi Bao Lam and Bui Manh Hung (2006), Urban and rural area land use and planning, Vietnam Forestry University, Hanoi, Vietnam.

5.3. Reports and others

- Bui Manh Hung, Dam Viet Bac (2011). Technical manual for Participatory carbon monitoring. ICRAF, Hanoi, Vietnam.

6. TRAINING AND WORKSHOP

Time	Institution	Training/Workshop topic	Position
11-12/7/2018	Hanoi University of Science, supported by American Museum and Natural history.	of Consultation and training workshop: Collaborative transboundary conservation of vulnerable species and habitats under climate change.	Presenter

29-30/3/2018	GIZ and CIM in Hanoi.		Training: Sustainable Development through effective knowledge sharing: Concepts, Methods and Processes	Participant
8-12/3/2018	Vietnam National University of Forestry, supported by DAAD.		Workshop: DAAD Higher Education Partnerships “International Study Program in the Lower Mekong Region”.	Participant
2-5/3/2018	Vietnam National University of Forestry, supported by Erasmus+.		Workshop: European-vietnamese higher education network for sustainable forest- and bio-economy.	Participant
1-3/12/17	Vietnam National University of Forestry, supported by UN-REDD+, phase II.		The network of universities on climate change and REDD+ in Vietnam.	Participant
7/11/2017	Faculty of Forestry, Vietnam National University of Forestry		Methods and approaches in silvicultural and forest ecological research.	Participant
23-24/10/17	Vienam National University of Forestry, supported by DAAD, Tu-Dresden, Gottingen University, The National University of Laos and The Royal University of Agriculture Cambodia.		Development Strategy of International Master Programme in Forestry in the Lower Mekong Region	Participant
5-6/6/2017	Vienam National University of Forestry, supported by GIZ, Vnforest, Mard		Workshop on Sustainable forest management	Participant
3/2017	International co-operation department, VNUF		International co-operation strategies for National University of Forestry, Hanoi, Vietnam.	Participant
27/3/2017	UN-REDD program, Vietnam		Applying experiential learning in teaching climate change subjects	Participant
10/2016	Northwest Forest Research Institute, Germany.	Germany Research Gottingen,	Natural forest inventory.	Participant
2013 - 2014	Graduate Academy, Dresden University of Technology Dresden, Germany.		Training about Scientific writing.	Participant
12/2011	ICRAF, Hanoi, Vietnam.		National Workshop on Participatory carbon monitoring.	

2006-2008	UIA center, Hanoi, Vietnam.	Traning about Information techlonogy (hardware, window system, microsoft office, statistical softwares: SPSS, Stata, Minitab, Stagraphics ..., digital map softwares: Mapinfo, ArcGIS... and the Internet) and English.	Participant
6/2006	Applying GIS and Remote sensing to manage forest resources	Vietnam National University of Forestry and Vietnam Academy of Science and Technology	Participant
2005	Kasetsat university Bangkok, Thailand.	Training about Dendrochronology.	Participant

7. PARTICIPATED PROJECTS AND RESEARCH EXPERIENCE

Project name	Level	Position	Year
Research on solutions to improve the management effectiveness and monitoring of changes in forest sources and forest land area by remote sensing technology for sustainable development and response to climate change in Bac Giang province	Province	Key member	2018-2019
Improving the quality and quantity of forest plantations in Hoa Son commune, Luong Son, Hoa Binh province	CIM	Project head	2018-2019
Research on application of QGIS for forest resource management and disaster mitigation	University	Project head	2018
Modernisation of applied research and teaching in the context of inventory and close-to-nature management of tropical forests at the Vietnam Univesity of Forestry in Xuan Mai	DAAD	Project head	2017-2018
Researching and improving the English website of Vietnam Natioinal University of Forestry	University	Project head	2017
Univariate and multivariate forest data analysis with SAS.	University	Project head	2017
Promoting roles of customary rules of local communities in community forest management in the Northern mountainous provinces of Vietnam.	Ausaid	Key member	2017
Structure and Restoration of Natural Secondary Forests for Biodiversity and Wood Supply in the Central Highlands, Vietnam	Rufford	Project head	2014

Research on using and implementing Stata for forestry data analysis.	University	Project head	2012
Improving and making toolboxes to analyze forestry data.	University	Project head	2011
Initial study for generation of allometric equations.	FAO.	Member	2011
The development study on capacity building for preparing feasibility studies and implementation plans for afforestation projects in the socialist republic of Vietnam.	Ministry + JICA	Member	2011
Participatory carbon monitoring in Na Ri, Bac Kan.	ICARF	Consultant	2011
The influence of light, planting methods and densities on the growth of <i>Amoora gigantea</i> and <i>Pygeum arboreum</i> in the North of Vietnam.	Mater thesis Project, Australian National University (ANU)	Project head	2011
Structural changes of <i>Acacia Magium</i> plantations in Cao Bang, Vietnam.	Individual Project, ANU	Project head	2011
Building electronic textbook of using Mapinfo to make digital maps.	Department	Project head	2009
Building electronic textbook of using MS Excel to analyze data.	Department	Project head	2008
Transformation of <i>Manglietia glauca</i> Blume and <i>Cunninghamia lamceolata</i> plantations from providing small timbers to big timbers in Ha Giang and Tuyen Quang provinces.	Ministry	Member	2007-2009
Planning practical region of silviculture faculty in Cao Phong district, Hoa Binh province.	University	Member	2008
Tourism and conservation in the area of Ngo Luong Ngoc Son nature reserve.	FFI	Member	2007
Improving and completign the version 2.0 of toolboxes to analyze forestry data.	Department	Project head	2007
Building tooboxes to analyze forestry data.	Department	Project head	2007
Building sustainable forest models for Vietnam.	Ministry	Member	2006
Socioeconomic planning for Huong Pagoda region,	Province	Project	2004

Huong Son, My Duc District, Hanoi, Vietnam.

head

General planning for Huong pagoda region, Huong Son, My Duc, Vietnam.	Bachelor thesis project	Project head	2003
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Other research experiences

Supervising many student groups and students to do theses in the field of forest inventory and planning from 2004 to 2013.

8. TEACHING EXPERIENCES

8.1. Teaching in Vietnamese

Since 2003 I have delivered lectures and gave practical instruction at the Forest Inventory and Planning Department, Faculty of Forestry, Vietnam National University of Forestry University. I teach courses for Bachelor and Master students such as: Statistics in forestry, Land use planning, Forest inventory, Introductory to GIS and remote sensing. Instructing fieldwork for theses on forest inventory and planning.

8.2. Teaching in English

In 2011, I was an assistant for Survey sampling and Natural resources ecology and measurement for advanced training curriculum at Vietnam National University of Forestry, Hanoi, Vietnam.

Since 2016, I have taught some courses in English for Bachelor and Master students such as: Specialized English, Statistics for Forestry, Forest yield, Scientific methods.

9. LANGUAGE SKILLS

Indicate competence on a scale of 1 to 5 (1- excellent; 5 - basic)

Language	Reading	Listening	Writing	Speaking
Vietnamese	Mother tongue			
English	2	2	1	1

Note: English certificates: Ielts: 6.5 and C level. And master in English.

10. OTHER SKILLS

- Skillful with Windows, Ms Office, Internet and Hardware computer, using Mapinfo and ArcGIS softwares to build digital maps and using statistical softwares: R, SPSS, Stata, SAS, Excel, Minitab, Statgraphics... to analyze social and forestry data.
- Good at presentation skills.
- Good at teaching skills.

Hanoi, 11/03/2018

Signature

A handwritten signature in purple ink, appearing to be 'Bui', with a horizontal line above and below it.

Dr. Manh Hung Bui