PERSONAL INFORMATION

NGO ANH TU

Department of Geography – Resource and Environmental Management (DGREM),
Faculty of Natural Sciences, Quy Nhon University
170 An Duong Vuong street, Quy Nhon city, Binh Dinh province, Vietnam
+84 (0) 935 701 288
ngoanhtu@qnu.edu.vn

Sex Male | Date of birth 04/09/1981 | Nationality Vietnamese

EDUCATION AND TRAINING

10/2010 – 2/2014

PhD candidate in Geography

Department of Geography of UFR Lettres, Langues & Sciences Humaines, Orléans University

10 rue de Tours - BP 46527

45065 ORLEANS cedex 2 – France

- Advisors: Prof. Dr. Jean-Marc Zaninetti.and Dr. Stéphane Grivel
- Thesis: *Environmental assessment of flood hazard in the Ha Thanh delta river (Central Vietnam).*

9/2007 – 11/2009

M.Sc. in Land management

Department of Natural Resources and Environment, University Agriculture and Forestry, Hue University

124 Phung Hung, Thuan Thanh, Hue, Vietnam.

- Advisor: Assoc. Prof. Dr. Ho Kiet
- Thesis: *Building GIS database to manage land information in Quy Nhon city, Vietnam.*

9/2002 – 6/2006

B.Sc. in Land management

Department of Natural Resources and Environment, University Agriculture and Forestry, Hue University

124 Phung Hung, Thuan Thanh, Hue, Vietnam.

- Advisor: Dr. Dinh Van Thoa
- Thesis: *Evaluation of land management in Hue city, Vietnam.*

WORK EXPERIENCE

5/2019 – present

Vice Dean

Faculty of Natural Sciences, Quy Nhon University

170 An Duong Vuong street, Quy Nhon city, Binh Dinh province, Vietnam

12/2014 – 5/2019

Deputy Head

Department of Geography-Land Management, Quy Nhon University

170 An Duong Vuong street, Quy Nhon city, Binh Dinh province, Vietnam

9/2004 – 12/2014

Lecturer

Department of Geography-Land Management, Quy Nhon University

170 An Duong Vuong, Binh Dinh, Vietnam

- Involved in teaching several courses on Geography Information System, and Remote Sensing

TYPICAL PUBLICATIONS

More than 30 articles in peer-reviewed journals/proceedings with some typical ones as follows:

1. Huu Xuan Nguyen, An Thinh Nguyen, **Anh Tu Ngo**, Van Tho Phan, Trong Doi Nguyen, Van Thanh Do, Dinh Cham Dao, Dinh Tung Dang, Anh Tuan Nguyen, The Kien Nguyen and Luc Hens, **2020**, A Hybrid Approach Using GIS-Based Fuzzy AHP–TOPSIS Assessing Flood Hazards along the South-Central Coast of Vietnam. *Applied Sciences*, 10(20), 7142.
2. Tho Van Phan, **Tu Anh Ngo**, Huyen Thi Nguyen, Rute Sousa Matos, Trang Thuc Dang, **2020**, *Modeling land use change based on Remote Sensing, GIS and Algorithm Cellular Automata decision support sys-tem for urban sustainability planning in Quy Nhon, Binh Dinh province central Vietnam*. In: Ha-Minh C., Dao D., Benboudjema F., Derrible S., Huynh D., Tang A. (eds) CIGOS 2019, Innovation for Sustainable Infrastructure. Lecture Notes in Civil Engineering, vol 54. Springer, Singapore.
3. **Ngo Anh Tu**, Phan Van Tho, Nguyen Huu Ha, **2019**, *Consideration on the use of Sentinel-1 radar image and GIS for flood mapping in the Lai Giang river basin of Binh Dinh province (Central Coast Vietnam)*. EDESUS Conference Paper. Springer. Ha Noi, 2019.
4. Stephan Grivel, **Anh Tu Ngo**, **2018**, *Increased risk of flooding by typhoons and vulnerabilities in the Ha-Thanh basin (Vietnam).* I.S.Rivers **2018** – 3rd International Conference: Integrative sciences and sustainable development of rivers. 4 to Friday 8 June, 2018 Lyon city, France. Page 255.
5. Jean-Marc Zaninetti, **Anh Tu Ngo**, Stéphane Grivel, **2014**, La construction sociale de la vulnérabilité face au risque d'inondation au Vietnam. *Revue M@ppemonde online*, No 114, France.
6. Stephan Grivel, **Anh Tu Ngo**, **2014**, *Environmental and geomatics assessment of the Ha Thanh basin to hydrological hazards in Central Vietnam*. International Association of Hydrological Science. Publ., in Hydrology in a Changing World: Environmental and Human Dimensions, IAHS Red book, 363, P.s282-287.

PROJECTS

2020 - 2021 Study on the application of rain data from satellite images and mathematical models to rapid flood risk prediction (Case study of Lai Giang river basin, Binh Dinh province), Vietnam.
Funded by the Ministry of Education and Training (MOET); Research team includes 06 members. Role: Principal Investigator.

2019 - 2021 Building land price GIS database Tuy Hoa city, Phu Yen province, Vietnam.
Funded by Department of Science and Technology of Phu Yen province (DOST-Phu Yen); Research team included 10 members. Role: Key Researcher

2018 – 2020 Research to build a model of the inter-territorial organization of Central Highlands - South Central Coast according to river basin for sustainable development of agriculture and forestry.
Funded by The Central Highlands Program 3 of Vietnam; Research team includes 60 members. Role: Key Researcher.

2017 – 2019 Research on establishing and assessing social vulnerability index due to inundation in the context of climate change in Binh Dinh province, Vietnam.
Funded by Department of Science and Technology of Binh Dinh province (DOST-Binh Dinh); Research team included 10 members. Role: Key Researcher

2016 – 2018 Building of data and mapping application for management of dykes in Binh Dinh province, Vietnam. Funded by DOST-Binh Dinh; Research team included 10 members. Role: Principal Investigator.

2015 – 2017 Building WebGIS for advertising and tourism development in Phu Yen province, Vietnam. Funded by DOST-Phu Yen; Research team included 10 members. Role: Principal Investigator.

Awards

1. First prize: "Vietnam Science & Technology Innovation Contest **2019**" for Building software BDYKE-GIS to manage the dyke system in Binh Dinh province, Vietnam.
2. Third prize: "Binh Dinh Science & Technology Innovation Contest **2017**" for Management of urban infrastructure on 3D GIS, Vietnam.

PERSONAL SKILLS

Language skills

- Vietnamese (mother tongue)
- France (proficiency)
- English (good)

Job-related skills

- Experience in Geomatics, Risk flood, Hydrological modeling, Spatial analysis.
- Teamwork: good leader, usually be granted for good leadership and hard-working.
- Communication skills: fairly good, capable of making friends and remaining a good relationship with others.
- Have organized successfully many programs such as: vocational programs, lighting business talent, performance and presentation skills.

Supervision

- I have supervised 7 master students.

CURRICULUM VITAE

PERSONAL INFORMATION

Name: **HUYNH Thi Thanh Tra**
Date of birth: 10-12-1982
Place of birth: Binh Dinh - Vietnam
Nationality: Vietnamese
Languages: Vietnamese, English
Work Address: Department of Applied Biology and Agriculture (DABA), Faculty of Natural Sciences, Quy Nhon University
170 An Duong Vuong street, Binh Dinh province, Vietnam
Mobile number: +84-344622977
Email address: huynhthithanhtra@qnu.edu.vn

PROFESSIONAL RECORD

Education

1/2013 – 6/2019: PhD student in Plant Pathology, Plant Pathology and Microbiology Department, Iowa State University, USA
Supervisor: Dr. Xiao Bing YANG (XB Yang)
Thesis title: Biocontrol potential of *Bradyrhizobium japonicum* against soybean sudden death syndrome caused by *Fusarium virguliforme*

2006 – 2009: MSc student in Agronomy, Department of Agronomy, Agriculture and Forestry University, Ho Chi Minh City, Vietnam
Advisor: Dr. Tri Minh BUI
Thesis title: Genetic diversity assessment of some high-yielding cashew clones from National Cashew Germplasm Center in Cat Hiep, Phu Cat, Binh Dinh using AFLP techniques.

2000 – 2004: BSc student in Biology, Department of Biology and Agriculture Techniques, Quy Nhon University, Vietnam
Advisor: Dr. Chin Thi DANG

Research experience and activities

2020 – 2022: Key member of project "Effects of exogenous melatonin on postharvest avocado quality" funded by Ministry of Education and Training, Vietnam.

11/2019 – present: PhD, Faculty member, Faculty of Natural Sciences, Quy Nhon University.

1/2013 – 6/2019: PhD student in Plant Pathology in XB Yang's lab, Plant Pathology and Microbiology Department, Iowa State University.
Research activities focus on:
+ using some cold tolerant *Bradyhizobium* species for seed treatments/ soil inoculant to control soybean Sudden Death Syndrome (SDS) caused by *Fusarium virguliforme* under greenhouse and field conditions;
+ determining efficiency of soybean seed treatments with different *B. japonicum* strains in combination with micronutrients and other different commercial biological products on managing SDS fungus;
+ understanding the biocontrol mechanisms of *B. japonicum* on SDS disease;

+ evaluating efficacy of some fungicides on SDS, damping off (caused by *Pythium spp*, *Rhizoctonia solani*) and white mold on soybean.

2006 – 2009: Graduate student in Biotechnology and Environmental Science Institute, Agriculture and Forestry University, Ho Chi Minh City, Viet Nam.

Research was conducted in order to find out DNA markers corresponding to specific morphological characters of cashew and to evaluate the genetic diversity among 23 high-yielding cashew varieties. Seven AFLP primer combinations were used. The amplification products were separated on an ABI 3100 automated DNA sequencing machine. A total of 668 AFLP markers were recorded, 664 of which were polymorphic with sizes ranging from 70 to 698 basepairs. Genetic similarity of 23 clones was in range between 0.53 and 0.80. This research also indicated that AFLP could be the reliable choice for genetic analysis of cashew germplasm.

2009 – 2011: Associate Scientist, Lab manager in Plant Breeding and Soil Laboratory, Quy Nhon University.

2004 – 2006: Assistant Scientist in Plant Breeding and Soil Laboratory, Quy Nhon University.

Teaching experience and outreach activities

11/2019 – present: Lecturer in Applied Microbiology course for MSc of Applied Biology program at Quy Nhon University.

11/2019 – present: Lecturer in Soil Fertility and Fertilizers undergraduate course for Agronomy program at Quy Nhon University.

2015 – 2018: Outreach advisor for Spraytec, HeadsUp companies to test commercial products in soybean farming systems.

2015 – 2017: Teaching assistant in Plant Pathology Lab Methods, Field Plant Pathology courses (PLP 590, PLP 691) at Iowa State University.

2009 – 2012: Lecturer for undergraduate Biology and Agronomy Programs in Department of Biology and Agricultural Techniques, Quy Nhon University, Viet Nam. Be responsible for 2 courses: (1) Soil Fertility and Fertilizers and (2) English for Students in Biology.

Membership in Professional Organizations

- American Phytopathological Society (2014 to present)
- Plant Pathology and Microbiology Graduate Student Organization, Iowa State University (2013 to 2019)

PUBLICATIONS

Navi, S. S., **Huynh**, T., Mayers, C. G., & Yang, X. B. (2019). Diversity of Pythium spp. associated with soybean damping-off, and management implications by using foliar fungicides as seed treatments. *Phytopathology Research*, *1*(1), 8.

Huynh, T., et al. Effect of seed treatment with *Bradyrhizobium japonicum* on soybean sudden death syndrome (*Fusarium virguliforme*) in irrigated and natural fields. In: *International Congress of Plant Pathology (ICPP) 2018: Plant Health in A Global Economy*. APSNET, 2018.

Navi, S., **Huynh**, T., & Yang, X. B. (2018). Soybean Foliar Fungicide Evaluation in Northeast Iowa. *Farm Progress Reports*, *2017*(1), 129.

Huynh, T., Yang, X., Navi, S., & Li, X. (2016, December). Reduction of soybean sudden death syndrome (Fusarium virguliforme) by seed treatment with Bradyrhizobium japonicum. *PHYTOPATHOLOGY* (Vol. 106, No. 12, pp. 57-57).

Navi, S., **Huynh, T**., & Yang, X. B. (2016). Effect of Endura, Priaxor, and Cobra on Soybeans with White Mold. *Farm Progress Reports*, *2015*(1), 83.

Navi SS, **Huynh T**, Li X, Yang XB. Effects of biocontrol agents in combination with bioAPT microbial carrier as seed treatment on soybean diseases and yields. IPS 6th International Conference on Plant, Pathogens and People, New Delhi, India, 23–27 February 2016; 2016. p. 64, 646 pp.

Huynh. T & Bui. T (2011). Identify some AFLP markers corresponding to specific morphological characters of cashew. *Journal of Science, Quy Nhon University*, Volume 2 (5)

Huynh. T & Bui. T (2010). Genetic diversity assessment of some high-yielding cashew clones from National Cashew Germplasm Center in Cat Hiep, Phu Cat, Binh Dinh using AFLP techniques. *Journal of Agricultural Science and Technology, Nong Lam University, Ho Chi Minh city, Viet Nam.* Volume 1 (4)

References

Dr. Xiao Bing YANG
Department of Plant Pathology and Microbiology, Iowa State University
Address: 319 Bessey Hall, Ames, IA 50011
Tel: +1-515-294-8826
Email: xbyang@iastate.edu

Dr. Shrishail S NAVI
Department of Plant Pathology and Microbiology, Iowa State University
Address: 3209 Advanced Teaching Research Building, 2213 Pammel Drive, Ames, IA 50011
Tel: +1-515-294-4517
Email: ssnavi@iastate.edu

Dr. Tri Minh BUI
Department of Plant Biotechnology (Chair), Nong Lam University (University of Agriculture and Forestry in Ho Chi Minh City)
Address: KP6-Linh Trung-Thu Duc-Ho Chi Minh City – VIETNAM
Tel: +84-08-37220294
Email: bmtri@hcmuaf.edu.vn

Curriculum Vitae

Name: **HOANG Duc An**
Gender: Male
Date of birth: 22-8-1981
Place of birth: Binh Dinh - Vietnam
Civil Status: Married
Nationality: Vietnamese
Languages: Vietnamese (mother tongue)
France, English (proficiency)

Work Address:

- Applied Research Institute for Science and Technology (ARIST)
- Department of Chemical Engineering and Food Technology (DOEF), Faculty of Natural Sciences, Quy Nhon University
  170 An Duong Vuong street, Quy Nhon city, Binh Dinh province, Vietnam
  Tel: +84-935380063 Email: hoangducan@qnu.edu.vn

Education and Training:

01.2014 –10.2017: PhD student in Food Biotechnology
Laboratory of Oenology and Applied Chemistry - Research Unit on Grapevine and Wines in Champagne - URVVC EA4707 - University of Reims Champagne-Ardenne
Supervisor: Prof. Dr. VASSEROT Yann
Thesis: Impact of fractionation pressing on the composition and characteristics of musts and wines of Champagne - Effect of maturity and sanitary condition of the grapes.

9.2006 – 9.2009: Master in Post-harvest Technology
Nha Trang University, Khanh Hoa, Vietnam

6.2000 –9 2005: Bachelor in Food Technology
Nha Trang University, Khanh Hoa, Vietnam

Work Experience:

6.2020 – present: Vice Director, Applied Research Institute for Science and Technology (ARIST)
Lecturer, Department of Chemical Engineering and Food Technology (DOEF), Faculty of Natural Sciences, Quy Nhon University, Quy Nhon city, Vietnam.

7.2019 – 5.2020: Lecturer, Department of Chemical Engineering and Food Technology, Faculty of Natural Sciences, Quy Nhon University, Quy Nhon city, Vietnam.

9.2005 – 6.2019: Lecturer, Department of Chemistry, Quy Nhon University, Quy Nhon city, Vietnam.

Typical Publications:

1. Jégou, S., **Hoang, D.A.**, Salmon, T., Williams, P., Vrigneau, C., Doco, T., Marchal, R. *Impact of press fractioning on polysaccharide and oligosaccharide composition of Pinot meunier Champagne base wines*. In Proceedings of the 10th International Symposium of Enology, Oeno

2015, Bordeaux, France. Oeno 2015, Proceedings of the 10th International Symposium of Enology.

2. **Hoang, D.A.**, Salmon, T., Vrigneau, C., Marchal, R., Jégou, S. **2017**. *Effect of grape juice fractioning and Botrytis berry infection on proteolytic of Champagne base wines*. WAC Congress 2017, Beaune, France, WAC Congress 2017.
3. Liu, P., Vrigneau, C., Salmon, T., **Hoang, D.A.**, Robillard B., Jégou, S., Marchal, R. *Influence of grape berry maturity and pressing cycle on champagne base wine composition*. WAC Congress **2017**, Beaune, France, WAC Congress 2017.
4. Jégou, S., **Hoang, D.A.**, Salmon, T., Williams, P., Oluwa S., Vrigneau, C., Doco, T. and Marchal, R. *Effect of grape juice press fractioning on polysaccharide and oligosaccharide compositions of Pinot meunier and Chardonnay Champagne base wines*. Food Chemistry **2017**, 232, 49-59.
5. Liu, P., Vrigneau, C., Salmon, T., **Hoang, D.A.**, Boulet, J.C., Jégou, S., Marchal, R. 2018. *Influence of Grape Berry Maturity on Juice and Base Wine Composition and Foaming Properties of Sparkling Wines from the Champagne Region*. Molecules **2018**, 23(6), 1372.
6. Nguyen Thi Lan, Vo Hoang Anh, **Hoang Duc An**, Nguyen Phi Hung, Dao Ngoc Nhiem, Bui Van Thang, Pham Khac Lieu, and Dinh Quang Khieu. *Synthesis of C-N-S-Tridoped TiO_2 from Vietnam Ilmenite Ore and Its Visible Light-Driven-Photocatalytic Activity for Tetracycline Degradation*. Journal of Nanomaterials **2020**: 1-14.

Projects:

2019–2021: Research on prolonging storage time of Binh Dinh speciality "Banh It La Gai".
Funded by Department of Science and Technology of Binh Dinh province (DOST-Binh Dinh); Role: Principal Investigator

2019–2020: Synthesis of based-TiO_2 photocatalysts from Binh Dinh Ilmenite ore for treating wastewater from aquaculture ponds.
Funded by Ministry of Education and Training of Vietnam; Role: Member

2020–2022: Effects of exogenous Melatonin on post-harvest avocado quality.
Funded by Ministry of Education and Training, Vietnam; Role: Key Member

Curriculum Vitae

Dr. TRUONG Thi Thanh Phuong

Office Address:

Department of Economics and Accounting (DOEA),
Quy Nhon University.
170 An Duong Vuong Street
Quy Nhon, Binh Dinh, Vietnam
Phone: (+84) (0) 342 690 412
Email: truongthithanhphuong@qnu.edu.vn

Education:

2011-2015	Ph.D., Applied Mathematics, Avignon University, Avignon, France Thesis: *Equilibrium in multi-criteria supply-demand networks.*
2008-2009	M.A., Applied Mathematics, Natural Sciences University, Ho Chi Minh City, Vietnam and Francois Rabelais University, Tours, France Thesis: *Classical and recent approaches to the Mean Ergodic Theory.*
2003-2007	B.A., Mathematics, Quy Nhon University, Binh Dinh, Vietnam Thesis: *Unbounded operator between Hilbert spaces.*

Work Experiences:

1/2020-present	Chair of Division of Economical Mathematics, Department of Economics and Accounting, Quy Nhon University
2015-present	Member in Scientific Committee of Department of Economics and Accounting, Quy Nhon University
2007-2010	Lecturer at Quy Nhon University, Binh Dinh, Vietnam **Courses:** Mathematics for Economists, Optimization Methods in Economics and Business, Scientific Research Methodology in Economics, Statistics, Probability.

Research Interests:

Multi-objective Equilibrium and Optimization, Variational Inequality, Transportation Networks.

Participation at conferences:

2019	Invited talk in 'Vietnam-USA Joint Mathematical Meeting', Quy Nhon, Vietnam, June 10-13.
2018	Invited talk in 'Conférence sur les mathématiques appliquées, Vietnam-France', Natural Sciences University, Ho Chi Minh City, July 9-11, Vietnam.
2017	Invited talk in 'The second Vietnam International Applied Mathematics Conference (VIAMC 2017)' at Sai Gon University, December 15-18.
2016	Hot-topic talk in the international conference 'New Trends in Optimization

and Variational Analysis for Applications' at Quy Nhon University, December 7-10.

Short visit at Avignon University, August 29-September 15 and a talk 'Equilibrium in multi-criteria traffic networks with capacity constraints' at the seminar of Department of Mathematics, September 9, Avignon, France.

2015 Participation in "The 4th Winter School on Network Optimization", January 12-16, Estoril, Portugal.

2014 Participation at the international conference 'Beyond Hamilton-Jacobi', April 23-30, Avignon, France.

2013 Talk 'Strong equilibrium in a multi-product multi-criteria supply-demand network with capacity constraints' at the 'Annual Days of GdR Mathematics of Optimization and Applications', June 17-19, Paris, France.

Participation at 'The 8th VMS Mathematical Congress', August 10-14, Nha Trang, Viet Nam.

Participation at 'The 7th Week of Study Mathematics-Companies', November 4-8, Limoges, France.

Projects:

1. Researcher in the project "Relationship of Contextual Factors, Using of Management Accounting Information and Performance" funded by Quy Nhon University, (2019-2020).
2. Principal Investigator of the project "Smoothing Method in Traffic Network Equilibrium Problem" funded by Quy Nhon University, (2018-2019).
3. Researcher in the project "Equilibrium and optimization in urban transportation networks: Theoretical analysis and algorithms" funded by NAFOSTED, Vietnam, (2014-2016).

Published Books:

1. Textbook "Mathematics in Economics I", in Vietnamese, **Truong Thi Thanh Phuong** et al., Vietnam National University Press, Hanoi, 2020.
2. Textbook "Mathematics in Economics II", in Vietnamese, **Truong Thi Thanh Phuong** et al., Vietnam National University Press, Hanoi, 2020.
3. Textbook "Basic Statistics for Economists" in Vietnamese, Hoang Khac Lich, Cao Tan Binh, Nguyen The Kien and **Truong Thi Thanh Phuong**, Vietnam National University Press, Hanoi, 2020.

Typical Publications:

1. "Factors Affecting Entrepreneurial Intentions: A Case Study of Economic Students of Quy Nhon University", **Truong Thi Thanh Phuong** and Ngo Nu Mai Quynh, National Conference at Nha Trang University, Pages 705-725, (2020).
2. "Relationship of Contextual Factors, Using of Management Accounting Information and Performance: Case Studies of Small and Medium-sized Enterprises in Binh Dinh Province", Le Mong Huyen, Do Huyen Trang, **Truong Thi Thanh Phuong** and Tran Thi Quanh, *Industry and Trade Magazine*, No. 5, Pages 333-339, (2020).
3. "Smoothing Method in Multi-criteria Transportation Network Equilibrium Problem", **Truong Thi Thanh Phuong**, *A Journal of Mathematical Programming and Operational Research*, DOI 10.1080/02331934.2019.1578767, (2019).
4. "Robust Equilibrium in Transportation Networks", Nguyen Ba Minh and **Truong Thi Thanh Phuong**, *Acta Mathematica Vietnamica*, DOI 10.1007/s40306-018-00320-3, (2019).

5. “Concepts of Vector Equilibrium in Transportation Networks”, **Truong Thi Thanh Phuong** and Tran Bao Duy, *Journal of Science, Quy Nhon University*, Vol.12, Issue 6, Pages 111-125, (2018).

6. “Equilibrium Flows in a Multi-criteria Transportation Network”, Dinh The Luc and **Truong Thi Thanh Phuong**, *Journal of Optimization Theory and Applications*, Vol. 169, Issue 1, Pages 116-147, (2016).

7. “Equilibrium in Multi-criteria Supply and Demand Networks with Capacity Constraints”, **Truong Thi Thanh Phuong** and Dinh The Luc, *Mathematical Methods of Operational Research*, Vol. 81, Issue 1, Pages 83-107, (2015).

Grants and Fellowships:

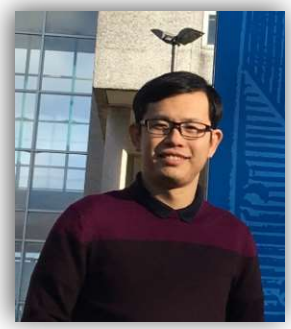
- Mathematical Research Award in the framework of National Program for Development of Mathematics until 2020. (Vietnam Institute for Advanced Study in Mathematics, 2019).
- Award from Vietnam Women’s Union for Achievements in Scientific Research, 2019.
- Grant from Avignon University, France and LIAFV (Laboratoire International Associé Format Vietnam), France for a short visit at Avignon University, August 29-September 15, 2016.
- Ph.D. Grant (Ministry of Education and Training, Viet Nam, 2010-2014).

Language:

- Fluent in Vietnamese, English and French

CURRICULUM VITAE

1. Personal Information



Full name: NGUYEN Thanh Binh

Date of birth: 16/01/1984

Gender: Male

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Binh Dinh province, Vietnam

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Mobile phone: (+84) 9 83 33 16 01

Email: nguyenbinh@qnu.edu.vn

Current position, institution: Deputy Head of Department of Information Technology (DOIT), Quy Nhon University

Degree of education: PhD in Computer Science

2. Education

2014-2018: PhD student in Computer Science
Laboratoire d'Informatique Fondamentale d'Orléans (LIFO)
University of Orléans, France

2007-2009: Master in Computer Science
Computer Science Institute for the Francophonie (IFI)
Hanoi, Vietnam

2002-2006: Bachelor in Computer Science
Quy Nhon University, Vietnam

3. Work experience

2019-present: Lecturer, Deputy Head
Department of Information Technology, Quy Nhon University

2016-2018: ATER
Department of Information Technology, IUT Orléans

2006-2014: Lecturer
Department of Information Technology, Quy Nhon University

2009-2013: Project manager, Developer (partner)
Rubik Co. LTD., Ho Chi Minh City, Vietnam

Fields of research

Semantic Knowledge Base, Quality of Data, Data Science, E-learning.

Published book

1. Nguyen Thanh Binh, NGUYEN Thi Loan, VU Son Lam, TRAN Dinh Luyen, *Programming for mobile devices on the Android platform*, Science and Technics Publishing House, Vietnam (978-604-67-1315-9).

Typical publications

1. Jacques Chabin, Mirian Halfeld Ferrari, Béatrice Markhoff, **Thanh Binh Nguyen**, *Validating data from semantic web providers*, Theory and Practice of Computer Science - SOFSEM , pages 682-695, Cham, **2018**.
2. Mostafa Bamha, Jacques Chabin, Mirian Halfeld Ferrari, Béatrice Markhoff, **Thanh Binh Nguyen**, *Personalized Environment for Querying Semantic Knowledge Graphs: a MapReduce Solution*, Technical report, LIFO- Université d'Orléans, RR-2017-06, **2017**.
3. Béatrice Markhoff, Cheikh Niang, **Thanh Binh Nguyen**, *When it comes to querying semantic cultural heritage data*, New Trends in Databases and Information Systems - ADBIS , Proceedings, pages 384-394, **2017**.
4. Jacques Chabin, Mirian Halfeld Ferrari, **Thanh Binh Nguyen**, *Querying Semantic Graph Databases in View of Constraints and Provenance*, Technical report, LIFO- Université d'Orléans, RR-2016-02, **2016**.
5. Jacques Chabin, Mirian Halfeld Ferrari, **Thanh Binh Nguyen**, *How to query cultural data in a distributed environment*, Databases and Information Systems, SW4CH, Poitiers, France, **2015**.

Projects

2020-2021: Building a linked data set for Quy Nhon University
Funded by the Quy Nhon University; Role: Principal Investigator

2013-2014: Project to develop university fee manage software
Funded by the Quy Nhon University; Role: member

Supervision: currently supervising 3 master students.

PERSONAL INFORMATION

NGUYEN VAN THANG

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nguyenvanthang@qnu.edu.vn

Sex Male | Date of birth 01/08/1984 | Nationality Vietnamese

EDUCATION AND TRAINING

3/2013 – 5/2017

PhD candidate in Materials Science

Department of Radiation Science and Technology, Delft University of Technology

Mekelweg 15, 2629 JB Delft, The Netherlands

- Advisors: Prof. Dr. Ekkes Brück and Dr.ir. N. H. van Dijk
- Thesis: *Inluence of compositions and size on giant magnetocaloric effect in $(Mn,Fe)_2(P,Si)$-based materials*

9/2007 – 11/2009

M.Sc. in Inorganic Chemistry

GPA: 3.44/4

Department of Chemistry, VNU University of Science

334 Nguyen Trai, Thanh Xuan, Hanoi, Vietnam.

- Advisor: Assoc. Prof. Dr. Pham Thanh Huy
- Thesis: *Synthesis of rare-earth –based tricolour phosphors used in fluorescent and compact fluorescent lamps*

9/2002 – 6/2006

B.Sc. in Chemistry

GPA: 8.44/10

Department of Chemistry, Quy Nhon University

170 An Duong Vuong, Binh Dinh, Vietnam.

- Advisor: Dr. Nguyen Le Tuan
- Thesis: *Verifying the substitution rules in benzene by means of quantum chemical methods*

WORK EXPERIENCE

7/2020 – present

Vice Head

Research Affairs and International Relations Office, Quy Nhon University

170 An Duong Vuong street, Quy Nhon city, Binh Dinh province, Vietnam

7/2019 – 6/2020

Lecturer

Department of Chemistry, Faculty of Natural Sciences, Quy Nhon University

170 An Duong Vuong street, Quy Nhon city, Binh Dinh province, Vietnam

10/2006 – 6/2019

Lecturer

Department of Chemistry, Quy Nhon University

170 An Duong Vuong, Binh Dinh, Vietnam

- Involved in teaching several courses on General and Inorganic Chemistry

TYPICAL PUBLICATIONS

1. Ha Tran Huu, Hang T. T. Le, Van Phuc Nguyen, Thi Thanh Huong Nguyen, Thi Xuan Dieu Nguyen, **Van Thang Nguyen**, Sung-Jin Kim and Vien Vo, *Facile One-step Synthesis of g-C_3N_4-supported WS_2 with Enhanced Lithium Storage Properties*, Electrochimica Acta, ***341***, 136010 (2020).
2. Jicheng Feng, **N.V. Thang**, R. Geutjens, J. Li, S. Basak, Q. Zhu, G. Galbacs, X. Guo, H.W. Zanbergen, E. Brück, A. Schmidt-Ott, *Room-temperature magnetic materials: new route towards efficient cooling or heating through ternary alloy nanoparticles*, ACS Appl. Mater. Interfaces, ***10***, 6073 (2018).
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4. **N. V. Thang**, X. F. Miao, H. Yibole, K. Goubitz, L. van Eijck, N. H. van Dijk and E. Brück, *Effect of carbon doping on the structure and magnetic phase transition in $(Mn,Fe)_2(P,Si)$*, Journal of Materials, ***69***, 1432 (2017).
5. **N. V. Thang**, H. Yibole, N. H. van Dijk and E. Brück, *Effect of heat treatment conditions on MnFe(P,Si,B) compounds for room temperature magnetic refrigeration*, Journal of Alloys and Compounds, **699**, 633 (2017).

PROJECTS

2020 - 2022 Improvement of management capacity and environmental protection awareness of the local community and Buiding a socialized model to collect, classifiy, and treat to minimize plastic waste in coastal communes and wards of Quy Nhon Bay, Binh Dinh province
Co-funded by UNDP GEF SGP and the Quy Nhon People's Committee; Role: Member.

2019 – 2022 Synthesis of New Seminconducting Layered Compounds and Their Application for Photocatalyst and Energy Storage Materials
Co-funded by Ministry of Science and Technology, Vietnam and Republic of Korea; Role: Principal Investigator.

2019 – 2021 Research-based curriculum development in molecular and materials sciences in Vietnam (7 partners: 3 European universitiies (KU Leuven, University of Rostock and University of Twente) and 4 Vietnamese universities (Hanoi University of Education, University of Education-The Da Nang University, Quy Nhon University and Can Tho University)
Funded by the Erasmus+ programme of the European Union; Role: Key Member (website: https://momavietnam.com/)

2019 – 2020 Synthesis of based-TiO_2 photocatalysts from Binh Dinh Ilmenite ore for treating wastewater from aquaculture ponds.
Funded by Ministry of Education and Training of Vietnam; Role: Scientific Secretary.

2017 – 2020 Synthesis of membranes based on graphene and modified graphene for seawater filtration and environmental treatment.
Funded by National Foundation for Science and Technology Development (NAFOSTED) of Vietnam; Role: Key Member.

PATENTS

1. E. Brück, **N. V. Thang** and X. F. Miao, Magnetocaloric materials comprising manganese, iron, silicon, phosphorus and nitrogen, European Patent, application no. 15192313.3, 2015.
2. E. Brück, **N. V. Thang** and X. F. Miao, Magnetocaloric materials comprising manganese, iron, silicon, phosphorus and carbon, European Patent, application no. 16173919.8, 2016.
3. E. Brück, **N. V. Thang** and P. Roy, Magnetocaloric materials comprisingMn, Fe, one or both of Ni and Co, P, Si and B, European Patent, application no. 16191432.0, 2016.
4. E. Brück and **N. V. Thang**, Heat treatment of magnetocaloric materials comprising Mn, Fe, one or both of Ni and Co, P, Si, N, C and B , European Patent, application no. 16203485.4, 2016.

PERSONAL SKILLS

Language skills

- Vietnamese (mother tongue)
- English (proficiency)

Job-related skills

- Experience in magnetic measurements using a superconducting quantum interference device (SQUID) MPMS-XL and MPMS-5S magnetometer and physical measurements (X-ray diffraction, DSC measurement, SEM, etc.)
- Materials synthesis experience including ball milling, melt – spinning, spark discharge, etc
- Experience with magnetocaloric and luminescent materials
- Experience with Rietveld refinement using Fullprof programme

Computer skills

- Knowledge and experience of Origin, Chem. Office, MS Office (Word, Power point and Excel), Endnote, Mendeley, and Latex