

NHAT DINH QUANG VO

Masters of Science in Transportation Engineering – GKS 2020

Dob: 30.10.1996

Phone: +84-325-752-130

Email: nhat.vdq@vinuni.edu.vn

Google scholar: https://scholar.google.com/citations?hl=vi&user=VaL-t0YAAAAJ

RESEARCH INTERESTS

- Public Transport
- Travel Behaviour
- Traffic Safety
- Travel Demand

EDUCATION

Sep 2014 - July 2019	**University of Science and Technology - The University of Danang (DUT)** *Bachelor of Civil Engineering* • **Thesis:** "Factors Affecting Risky Riding Behaviours Among App-Based Motorcycle Taxi Riders In Vietnam" - **Advisor**: Dr. Quy Duy Nguyen-Phuoc, Dr. Phuong Anh Tran Thi. *Score of thesis: 9.5/10 ~ 4.0/4.0. Ranked 1st in Department* • **CGPA**: 3.14/4.0
Sep 2021 - Sep 2023	**University of Seoul (UOS) - South Korea** *Master of Transportation Engineering* • **Scholarship:** Full scholarship from the Korean government • **Thesis:** "A Study on the Factors Affecting Traffic Accident of Foreigners in South Korea" - **Advisor:** Prof. Lee SooBeom • **CGPA:** 4.06/4.50

ACADEMIC EXPERIENCE

Oct 2025 - Now	**VinUni Smart Green Transformation Center (Green-X) – VinUniversity** *Research Assistant* - Project: Policy Pathways for Achieving Sustainable Urban Mobility in Emerging Cities
March 2024 – Oct 2025	**Advanced Institute of Science and Technology - The University of Danang** *Research Assistant* - Implement projects: Research on the risky driving behavior of parents when driving with children, Intention to use electric motorcycle in Vietnam,...

ACADEMIC EXPERIENCE

Sep 2021 - Sep 2023	**Traffic Safety Lab - University of Seoul - South Korea** *Master Student* - Implement projects of Seoul City and Korea on: Traffic safety policy, Developing the School Zone area, Evaluate the safety of roads, Smart parking,...
Jan 2018 - Sep 2021	**Civil Engineering Research & Training (CERT) group** - Training skills to conduct scientific research - Scientific research

EXTRACURRICULAR ACTIVITIES

June 2018 - July 2018	**The International Capstone Design Program (ICDP) in Korea** - Location: Myongji University - Learn about making Uniform Commercial Code (UCC), Brainstorming, Creative Problem Solving Process.
Sep 2018 - Feb 2019	**Engineering Projects in Community Service (EPICS) by Arizona State University** - Design projects serving the non-profit community which is designed by Arizona State University
Mar 2019 - Mar 2019	**Workshop with Utsunomiya University (Japan)** - Architecture Design of Metro Station and Transportation Design of Surrounding Area in Danang city
July 2019 - July 2019	**Vietnam Summer School of Science (VSSS)** - Research skills in natural, technical, social, and economic fields
Sep 2020 - Sep 2021	**Korean Language Training Program in South Korea** - Location: Konyang University - Successfully complete the Korean language training program sponsored by the Korean government.

PUBLICATION

*** Journal papers**

1. **Parents protect their children when travelling: Exploring traffic safety behavioral intentions through the lens of cognitive appraisal and protection motivation theories**. Authors: ***Nhat Dinh Quang Vo***, Duy Quy Nguyen-Phuoc*, Amjad Pervez, Jaeyoung Jay Lee. *Accident Analysis & Prevention*, Vol 228, pp 108421. Year 2026. DOI: 10.1016/j.aap.2026.108421 (Q1, A*)
2. **Why car-driving and motorcycle-riding parents differ in safety compliance when traveling with children**. Authors: ***Nhat Dinh Quang Vo***, Duy Q Nguyen-Phuoc*, Tiep Nguyen. *Transportation Research Part F: Traffic Psychology and Behaviour*, Vol 116, pp 103414. Year 2026. DOI: 10.1016/j.trf.2025.103414 (Q1, A)

3. **Modified MRBQ for the Gig Economy: Linking Risky Riding Behaviors to Self-Reported Safety Incidents Among Food Delivery Riders**. Authors: Amjad Pervez*; Duy Q. Nguyen-Phuoc, ***Nhat Dinh Quang Vo***; Lee Jaeyoung. *Accident Analysis & Prevention*, Vol 231, pp 108515. Year 2026. DOI: 10.1016/j.aap.2026.108515. (Q1, A*)
4. **Fear of crashes or fear of fines? Understanding what motivates parents to travel safely.** Authors: Duy Q. Nguyen-Phuoc*, ***Nhat Dinh Quang Vo,*** Amjad Pervez. *Transportation Research Part F: Traffic Psychology and Behaviour*, Vol 122, pp 103772. Year 2026. DOI: 10.1016/j.trf.2026.103772 (Q1, A)
5. **Driving the shift to electric motorcycles: the role of AI trust and AI benefits**. Authors: Duy Quy Nguyen-Phuoc*, Thao Nhi Ho-Mai, Thao Phuong Thi Nguyen, ***Nhat Dinh Quang Vo***, Tuan Trong Luu, Diep Ngoc Su. *Transportation Research Part F: Traffic Psychology and Behaviour*, Vol 118, pp 103484. Year 2026. DOI: 10.1016/j.trf.2025.103484 (Q1, A)
6. **How value, cost, and emotions drive electric motorcycle adoption in Vietnam: A cognitive–affective–conative approach**. Authors: Bien Van Nguyen, Duy Quy Nguyen-Phuoc*, ***Nhat Dinh Quang Vo***, Diep Ngoc Su, Oscar Oviedo-Trespalacios. *Research in Transportation Business & Management*, Vol 64, pp 101534. Year 2026. DOI: 10.1016/j.rtbm.2025.101534 (Q1, C)
7. **Riding safely with kids: Uncovering key factors driving parents' safe riding intentions**. Authors: Duy Q Nguyen-Phuoc*, Bien Van Nguyen, ***Nhat Dinh Quang Vo***, YD Wong. *Accident Analysis & Prevention*, Vol 221, pp 108209. Year 2025. DOI: 10.1016/j.aap.2025.108209 (Q1, A*)
8. **Understanding motorcycle crash involvement: Insights from regular motorcyclists and food delivery riders in Vietnam**. Authors: Amjad Pervez, Duy Q Nguyen-Phuoc*, Nhat Xuan Mai, ***Dinh Quang Nhat Vo***, Jaeyoung Jay Lee. *Accident Analysis & Prevention*, Vol 216, pp 108024. Year 2025. DOI: 10.1016/j.aap.2025.108024 (Q1, A*)
9. **Prevalence and factors associated with turn signal neglect-related crashes among motorcyclists and car drivers in Vietnam.** Authors: Duy Q Nguyen-Phuoc*, Oscar Oviedo-Trespalacios, ***Nhat Dinh Quang Vo***, Quang Thanh Le, Diep Ngoc Su, My Xuan Cao . *Transportation Research Part F: Traffic Psychology and Behaviour.* Vol 73, pp. 38-49. Year 2020. DOI: 10.1016/j.trf.2020.06.003 (Q1, A)
10. **Extending the theory of planned behavior to explore the intent to use electric motorcycles in Da Nang.** Authors: Nguyen Van Bien, Le Minh Chau*, ***Vo Dinh Quang Nhat***, Nguyen Phuoc Quy Duy. *Journal of Science and Technology (JST-UD).* Vol. 22, No. 11C, Pages: 38-43. Year 2024. DOI: 10.31130/ud-jst.2024.554E
11. **Factors affecting the risky driving behaviours of App-based Motorcy Taxi drivers.** Authors: Quang T. Le*, ***Nhat D. Q. Vo*****,** Duy Q. Nguyen-Phuoc, Anh.T.P.Tran. *Journal of Science and Technology (JST-UD).* No:11(132).2018. Pages: 132-136. Year 2018.

**** Conference papers***

1. **Prevalence and factors associated with road traffic crashes among app-based motorcycle taxi drivers: A case study of Vietnam**. Authors: Duy Q. Nguyen-Phuoc*, Anh H. Nguyen, Chris De-Gruyter, ***Nhat D. Q. Vo***, Quang T. Le. *Transportation Research Board (TRB) 98th Annual Meeting*, Washington, D.C., United States. No: 19-00629. Year 2019.

2. **The impact of lifestyle behaviors on risky driving behaviors among app-based motorcycle taxi riders.** Authors: ***Nhat D. Q. Vo****,* Quang T. Le, Duy Q. Nguyen-Phuoc, Anh.T.P.Tran**.***Transport Infrastructure and Sustainable Development 3rd Conference (TISDIC)*. Year 2019.
3. **Mode Choice in Transportation of Immigrants in Seoul, South Korea**. Authors: ***Dinh Quang Nhat Vo****; So Myoung Shin; Soo Beom Lee. *Korean Society of Road Engineers, KSRE*. Vol.2022 No.10 Year 2022
4. **A Study on the Systematic Standard Model of School Zone Reflecting Various Road Factors**. Authors: Ui Bum Chun* ; So Myoung Shin ; ***Dinh Quang Nhat Vo*** ; Soo Beom Lee. *Korean Society of Road Engineers, KSRE*. Vol.2022, No.10. Year 2022.

ACADEMIC SERVICES & TEACHING

Reviewer	Transportation Research Part F: Traffic Psychology and Behaviour
Teaching Assistant	Introduction to Data Literacy (CECS1050)

CERTIFICATIONS

2018	Completed the ICDP in Korea
2019	Completed the EPICS Vietnam
2019	Completed the Vietnam Summer School of Science 07
2021	Completed Korean Language Program in Konyang University
2023	Completed the Master's program awarded by the National Institute for International Education (NIIED), Korea
2024	Completion of course Fundamentals of Urban Mobility by Urban Mobility Academy EU
2024	Completion of English for STEM by US. Department of State

HONORS & AWARDS

2014	**Third prize** VIFOTEC Awards
2019	**Top 6** Final roud of EPICS in VietNam
2018 & 2019	**Third prize** in "Students research science" in DUT
2014-2019	**Honor Scholarship** for Excellent Academic Student
2020	**Korean Government Scholarship 2020 (GKS)**

SKILLS

Language	English (TOEIC 730) , Korean (TOPIK 4)
Computer	Civil 3D, AutoCAD, SmartPLS, SPSS, STATA, QGIS.

REFERENCES

Associate Professor. **NGUYEN PHUOC QUY DUY**
College of Engineering and Computer Science, VinUniversity
Mobile: +84 905 322 669
Email: duy.npq@vinuni.edu.vn