

LONG DUY NGUYEN, Ph.D., P.E.

Associate Professor
Department of Environmental and Civil Engineering
U.A. Whitaker College of Engineering
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EDUCATION

8/2004 – 12/2007	UNIVERSITY OF CALIFORNIA, BERKELEY Ph.D. in Civil Engineering, 12/2007 M.Sc. in Civil Engineering, 5/2005 Management of Technology certificate, 2006	Berkeley, CA
8/2001 – 4/2003	ASIAN INSTITUTE OF TECHNOLOGY (AIT) M.Eng. in Construction Engineering & Management	Thailand
8/1994 – 1/1999	HCMC UNIVERSITY OF TECHNOLOGY B.Eng. in Civil Engineering, 4/1999	Vietnam

REGISTRATION Professional Engineer (Civil), California, License No. 75198.

PROFESSIONAL EXPERIENCE

8/2011 – present	FLORIDA GULF COAST UNIVERSITY Associate Professor of Civil Engineering (from 8/2016) Assistant Professor of Civil Engineering Teaching (75%); research (20%); and service (5%)	Fort Myers, FL
6/2009 – 6/2011	HCMC UNIVERSITY OF TECHNOLOGY Lecturer, Construction Engineering & Management Research advisor for 12 graduate students for their Master's theses.	Vietnam
5/2010 – 7/2011	TUAN LE CONSTRUCTION CO. LTD. Deputy Director Bidding, contract negotiation, management, and delivery of residential/infrastructure/industrial projects with clients' satisfaction as a general contractor.	Vietnam
9/2009 – 4/2010	TAN KY CONSTRUCTION REAL ESTATE TRADING CORP. Deputy General Director	Vietnam

Successfully negotiating a \$25-million general contract, mobilizing/setting up site operations, and managing substructure work of a 32-story luxury apartment tower in Danang, Vietnam.

1/2008 – 5/2009	JAX KNEPPERS ASSOCIATES, INC. Construction Consultant Creating and analyzing project schedules; analyzing, evaluating and documenting construction claims; preparing expert reports for negotiation, equitable settlement, mediation, arbitration, and trial; performing and documenting site inspection; working in a team that helped clients successfully settle a few cases in different dispute resolutions.	Walnut Creek, CA
7/2003 – 3/2004	CITY UNIVERSITY OF HONG KONG (Senior) Research Assistant Participating in research projects (PI: Dr. Ka Chi Lam); writing a research proposal “Fuzzy AHP-based Evaluation of Contractor Quality Performance” for Dr. Lam that was later granted HK\$337,631 by the Competitive Earmarked Research Grant (CERG, Hong Kong). Part-time Lecturer, BC3787: Building Management	Hong Kong
4/2000 – 8/2001	HCMC UNIVERSITY OF TECHNOLOGY Assistant Lecturer, Faculty of Civil Engineering	Vietnam
8/2000 – 8/2001	REATEC Construction Manager (CM) Working as a team leader in CM-Agency contract in Phu Lam Market Project, Ho Chi Minh City.	Vietnam
8/1999 – 7/2000	CHUONG DUONG ACIC CORP. Deputy Head, Projects Department Preparing bids and schedules for building and industrial projects; Designing structural steel frames of industrial projects.	Vietnam
3/1999 – 7/1999	LINH PHONG – CONIC CO. LTD. Structural Designer Designing foundation/structures of building projects.	Vietnam

COURSES TAUGHT

Florida Gulf Coast University

EGS 1006L	Introduction to the Engineering Profession (5 semesters)
EGN 1041C	Computational Tools for Engineers (1 semester)
EGM 3420C	Engineering Mechanics (9 semesters)
EGN 3331C	Mechanics of Materials (5 semesters)
EGN 3641C	Engineering Entrepreneurship (3 semesters)
CGN 3323C	Surveying and Geomatics (3 semesters)
CCE 4031	Project Planning and Regulations (10 semesters, 19 sections)
EGN 4930	Special Topics: Construction Methods and Management (3 semesters)
CGN 4802	Civil Engineering Senior Design (6 semesters)
EGN 4930	Data Science and Engineering Systems Analysis (1 semester)

Ho Chi Minh City University of Technology

807017	Construction Engineering – honor program (2 semesters, undergraduate)
807018	Construction Project Management (4 semesters, 6 sections, undergraduate)
080708038	Construction Management (2 semesters, graduate)
070008022	Applied Statistics in Construction Management (2 semesters, graduate)

City University of Hong Kong

BC3787	Building Management (1 semester)
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RESEARCH INTERESTS

My research aims to improve the effectiveness and sustainability in the delivery and operation of the built environment. The current focus of my research work includes quantitative methods in construction and resilient infrastructure.

PUBLICATIONS

Book chapters (**Corresponding author*)

1. **Nguyen, L. D.***, Le-Hoai, L., Tran, D. Q., Dang., C. N., and Nguyen, C. V. “Fuzzy AHP with applications in evaluating construction project complexity.” *Fuzzy Hybrid Computing in Construction Engineering and Management: Theory and Applications*, edited by Fayek, A. R., Emerald Publishing, 2018.
2. **Nguyen, L. D.*** and Tran, D. Q. “Fuzzy AHP-based decision making framework for construction projects.” *Fuzzy Analytic Hierarchy Process*, edited by Emrouznejad, A. and Ho, W., CRC Press, Taylor & Francis Group, 2017.

Peer-Reviewed Journals (**Corresponding author and **Graduate student*)

1. **Nguyen, L. D.*** and Tran, D. Q. “Measurement of fuzzy membership functions in construction risk assessment.” *Journal of Construction Engineering and Management*, ASCE, 147(4), 04021005, 2021.
2. Dang, C. N., Chih, Y.-Y.*, Le-Hoai, L., **Nguyen, L. D.** “Project-based A/E/C firms’ knowledge management capability and market development performance: Does firm size

- matter.” *Journal of Construction Engineering and Management*, ASCE, 146(11), 04020127, 2020.
3. Villiers, C.*, **Nguyen, L. D.**, and Zalewski, J. “Evaluation of traffic management strategies for special events using probe data.” *Transportation Research Interdisciplinary Perspectives*, Elsevier, 2, 100052, 2019.
 4. **Nguyen, L. D.***, Le-Hoai, L., Tran, D. Q., Dang, C. N., and Nguyen, C. V. “Effect of project complexity on cost and schedule performance in transportation projects.” *Construction Management and Economics*, 37(7), 384-399, 2019.
 5. Tran, D. Q., Brihac, A., **Nguyen, L. D.**, and Kwak, Y. H.* “Project cost implications of competitive guaranteed maximum price contracts.” *Journal of Management in Engineering*, ASCE, 34(2), 05018001, 2018. (*featured as Editor’s Choice in March 2018*)
 6. Tran, D. Q.*, **Nguyen, L. D.**, and Faught, A. M. “Examination of communication processes in design-build project delivery in building construction.” *Engineering, Construction, and Architectural Management*, 24(6), 1319-1336, 2017.
 7. Nguyen, H. D.***, **Nguyen, L. D.***, Chih, Y.-Y., and Le-Hoai, L. “Influence of participants’ characteristics on sustainable building practices in emerging economies: An empirical case study.” *Journal of Construction Engineering and Management*, ASCE, 143(8), 05017014, 2017.
 8. **Nguyen, L. D.***, Chih, Y.-Y., and Garcia de Soto, B. “Knowledge areas delivered in project management programs: Exploratory study.” *Journal of Management in Engineering*, ASCE, 33(1), 04016025-1-11, 2017. (*featured in ASCE SmartBrief, March 30, 2017*).
 9. **Nguyen, L. D.**, Tran, D. Q.*, and Chandrawinata, M. “Predicting safety risk of working at heights using Bayesian Networks.” *Journal of Construction Engineering and Management*, ASCE, 142(9): 04016041, 2016.
 10. Nguyen, A. T., **Nguyen, L. D.***, Le-Hoai, L., and Dang, C. N. “Quantifying the complexity of transportation projects using the fuzzy analytic hierarchy process.” *International Journal of Project Management*, 33(6), 1364-1376, 2015.
 11. **Nguyen, L. D.***, Nguyen, T. K. N.***, Tran, D. Q., and Villiers, C. “Productivity in daytime and nighttime construction of urban sewer systems.” *Journal of Construction Engineering and Management*, ASCE, 140(7), 04014021-1-9, 2014.
 12. **Nguyen, L. D.*** and Nguyen, H. T.** “Relationship between building floor and construction labor productivity: A case of structural work.” *Engineering, Construction, and Architectural Management*, 20(6), 563-575, 2013.
 13. **Nguyen, L. D.***, Phan, D. H.***, and Tang, L. C. M. “Simulating construction duration for multistory buildings with controlling activities.” *Journal of Construction Engineering and Management*, ASCE, 139(8), 951-959, 2013.
 14. Ibbs, C., **Nguyen, L. D.***, and Simonian, L. “Concurrent delays and apportionment of damages.” *Journal of Construction Engineering and Management*, ASCE, 137(2), 119-126, 2011.
 15. **Nguyen, L. D.***, Kneppers, J., García de Soto, B., and Ibbs, W. “Analysis of adverse weather for excusable delays.” *Journal of Construction Engineering and Management*, ASCE, 136(12), 1258-1267, 2010.
 16. **Nguyen, L. D.*** and Ibbs, W. “Case law and variations in cumulative impact productivity claims.” *Journal of Construction Engineering and Management*, ASCE, 136(8), 826-833, 2010.

17. **Nguyen, L. D.***, Kneppers, J., García de Soto, B. “Unusually severe weather and time extensions.” *Cost Engineering Journal*, AACEI, 51(12), 14-17, 2009.
18. **Nguyen, L. D.**** and Ibbs, W. “FLORA: New forensic schedule analysis technique.” *Journal of Construction Engineering and Management*, ASCE, 134(7), 483-491, 2008.
19. Ibbs, W. and **Nguyen, L. D.*** “Analysis of delay damages for site overhead.” *Cost Engineering Journal*, AACEI, 50(3), 30-33, 2008.
20. Ibbs, W. and **Nguyen, L. D.*** “Alternative for quantifying field-overhead damages.” *Journal of Construction Engineering and Management*, ASCE, 133(10), 736-742, 2007.
21. Ibbs, W. and **Nguyen, L. D.*** “Schedule analysis under the effect of resource allocation.” *Journal of Construction Engineering and Management*, ASCE, 133(2), 131-138, 2007.
22. Ibbs, W., **Nguyen, L. D.**, and Lee, S. “Quantified impacts of project change.” *Journal of Professional Issues in Engineering Education and Practice*, ASCE, 133(1), 45-52, 2007.
23. **Nguyen, L. D.*** and Ogunlana, S. “Modeling the dynamics of an infrastructure project.” *Computer-Aided Civil and Infrastructure Engineering*, 20(4), 265-279, 2005.
24. **Nguyen, L. D.***, Ogunlana, S. and Do, L. T. X. “A study on project success factors in large construction projects in Vietnam.” *Engineering, Construction and Architectural Management*, 11(6), 404-413, 2004.
25. **Nguyen, L. D.***, Ogunlana, S., Truong, Q., and Lam, K. C. “Large construction projects in developing countries: a case study from Vietnam.” *International Journal of Project Management*, 22(7), 553-561, 2004.
26. Tang, C. M., Lee, S. W., and **Nguyen, L. D.** “A study on implementation of web and Internet technology for design firms in Hong Kong.” *Journal of Building and Construction Management*, 9(1), 73-84, 2004.
27. Luu, V. T., Charoenngam, C, **Nguyen, L. D.***, and Tang, C. M. “Construction lost-time injuries in Vietnam: an exploratory study.” *Journal of Building and Construction Management*, 9(1), 85-90, 2004.

Editor-Reviewed Journals

1. Ibbs, W., Bascoul, A. and **Nguyen, L. D.** “Modified total cost principles for cumulative impact claims.” *The Construction Lawyer*, ABA, 33(1), 26-38 & 54-55, 2013.
2. Ibbs, W. and **Nguyen, L. D.** “Using the classical measured mile approach and variants to quantify cumulative impact claims.” *The Construction Lawyer*, ABA, 32(1), 18-24, 2012.
3. Ibbs, W. and **Nguyen, L. D.** “Cases and Board decisions on cumulative impact claims.” *The Construction Lawyer*, ABA, 31(4), 32-41, 2011.
4. Ibbs, W., **Nguyen, L. D.**, Shumway, R., and Hughes, R. M. “A checklist to avoid false claims.” *Construction Claims Online*, 3(17), April 25, 2005.

Refereed Conference Proceedings (**Graduate student and ***Undergraduate student)

1. **Nguyen, L. D.**, O’Neill, R., Komisar, S. “Learning engineering project management classes: Does technology matter?” In *Proceedings of the ASEE 127th Virtual Conference and Exposition*, June 22-26, 2020.
2. **Nguyen, L. D.**, O’Neill, R., Komisar, S. “Using poll app to improve active learning in an engineering project management course offered to civil and environmental engineering students.” In *Proceedings of the ASEE 126th Annual Conference and Exposition*, June 16-19, 2019, Tampa, FL.

3. Badir, A., Liao, J., Kunberger, T., Papkov, G. I., **Nguyen, L. D.**, and O'Neill, R. "Exam wrappers, reflection, and student performance in engineering mechanics." In *Proceedings of the ASEE 125th Annual Conference and Exposition*, June 24-27, 2018, Salt Lake City, UT.
4. Badir, A., **Nguyen, L. D.**, O'Neill, R., Kinzli, K.-D., Komisar, S. J., and Kim, J.-Y.. "Contributions of the industry involvement in civil and environmental engineering capstone design projects." In *Proceedings of the ASEE 125th Annual Conference and Exposition*, June 24-27, 2018, Salt Lake City, UT.
5. Bypaneni, S., Tran, D. Q., and **Nguyen, L. D.** "A Bayesian Network approach to selecting project delivery methods." In *Proceedings of the ASCE 2018 Construction Research Congress*, April 2-4, 2018, New Orleans, LA.
6. Mathew, S., Tran, D. Q., and **Nguyen, L. D.** "Examining impact of risk on cost growth in design-build projects using structural equation modeling." In *Proceedings of the ASCE 2018 Construction Research Congress*, April 2-4, 2018, New Orleans, LA.
7. Lura, D., Badir, A., O'Neill, R. J., and **Nguyen, L. D.** "Homework methods in engineering mechanics, part three." In *Proceedings of the ASEE 124th Annual Conference and Exposition*, June 25-28, 2017, Columbus, OH.
8. Nguyen, H. D.** , **Nguyen, L. D.**, Chih, Y.-Y., and Le-Hoai, L. "Contribution of knowledge in sustainable building design in emerging markets: A case of Vietnam." In *Proceedings of the World Sustainable Built Environment Conference*, 957-963, June 5-7, 2017, Hong Kong.
9. **Nguyen, L. D.**, Tran, D. Q., Nguyen, A. T., and Le-Hoai, L. (2016). "Computational model for measuring project complexity in construction." In *Proceedings of the North American Fuzzy Information Processing Society Annual Conference*, 189-193, October 31-November 4, 2016, El Paso, TX.
10. O'Neill, R. J., Badir, A., **Nguyen, L. D.**, and Lura, D. "Homework methods in engineering mechanics, part two." In *Proceedings of the ASEE 123rd Annual Conference and Exposition*, June 26-29, 2016, New Orleans, LA.
11. **Nguyen, L. D.** and Tran, D. Q. "An approach to assessment of fall risk for building construction." In *Proceedings of the ASCE 2016 Construction Research Congress*, May 31-June 2, 2016, San Juan, PR.
12. Chih, Y.-Y., **Nguyen, L. D.**, and Garcia de Soto, B. "Knowledge areas taught in project management programs in Australia, the United Kingdom and the United States." In *Proceedings of the International Research Network on Organising by Projects (IRNOP)*, June 22-24, 2015, London, England.
13. **Nguyen, L. D.**, Koufakou, A., and Mitchell, C.*** "A smart mobile app for site inspection and documentation." In *Proceedings of the CSCE 2015 International Construction Specialty Conference (ICSC)*, June 7-10, 2015, Vancouver, Canada.
14. **Nguyen, L. D.**, Chih, Y.-Y., and Garcia de Soto, B. "Exploring knowledge areas offered in project management programs in construction." In *Proceedings of the CSCE 2015 International Construction Specialty Conference (ICSC)*, June 7-10, 2015, Vancouver, Canada.
15. **Nguyen, L. D.**, Nguyen, T. K. N.** , and Tran, D. Q. "Shift work and labor productivity in urban sewer construction." In *Proceedings of the ASCE 2014 Construction Research Congress*, May 19-21, 2014, Atlanta, GA.
16. **Nguyen, L. D.**, Phan, D. H.** , and Tang, L. C. M. "Predicting construction duration with typical construction sequences for high-rise buildings." In *Proceedings of the 2013 Architectural Engineering Institute (AEI) Conference*, April 3-5, 2013, State College, PA.

17. **Nguyen, L. D.** and Nguyen, H. T**. “Relationship between floor number and labor productivity in multistory structural work: A case study.” In *Proceedings of the ASCE 2012 Construction Research Congress*, 1520-1529, May 21-23, 2012, West Lafayette, IN.
18. **Nguyen, L. D.** “Float, logic, resource allocation in forensic schedule analysis.” In *Proceedings of the 2nd ASEAN Civil Engineering Conference*, March 11-12, 2010, Vientiane, Laos.
19. **Nguyen, L. D.** and Ibbs, W. “Delay analysis considering resource allocation.” In *Proceedings of the 31st Annual Conference of the Australasian Universities Building Educators Association (AUBEA)*, July 12-14, 2006, Sydney, Australia.
20. **Nguyen, L. D.**, Ogunlana, S., and Lam, K. C. “Modeling the dynamics of a tunnel construction project.” In *Proceedings of the Second International Conference on Construction in the 21st Century: Sustainability and Innovation in Management and Technology*, December 10-12, 2003, Hong Kong, 541-546.

Research Reports (**Graduate student and ***Undergraduate student)

1. **Nguyen, L. D.**, Koufakou, A., Michael, P., Tsegaye, S., Villiers, C., Slobodzian, A.***, Crespo, N.***, Houston, A.***, and Hawksford, T.*** (2019). “The interdependencies of regional infrastructure lifelines under the impact of hurricanes.” *Final Project Report*. FGCU Scholarship-Research Venture Capital Fund, Fort Myers, FL, August, 2019.
2. Banyan, M., Villiers, C., **Nguyen, L. D.**, Crespo, A., Bastian, M., and Ehmig, B.** “Glades County US 27 Corridor Utility Study.” *Final Report*. Glades County Board of County Commissioners, Moore Haven, FL, August, 2018.
3. **Nguyen, L. D.**, Nguyen, T. K. N.**, and Vuong, C. D. T. (2011). “A survey in understanding governance constraints to effective project implementation in the Ministry of Transport, Vietnam.” *Final Report*. The World Bank’s Regional Governance Hub and Vietnam Transport Sector, World Bank, July 2011.

PRESENTATIONS (*presenter underlined*)

1. **Nguyen, L. D.**, O’Neill, R., Komisar, S. “Learning engineering project management classes: Does technology matter?” *The ASEE 127th Virtual Conference and Exposition*, June 22-26, 2020.
2. **Nguyen, L. D.**, O’Neill, R., Komisar, S. “Using poll app to improve active learning in an engineering project management course offered to civil and environmental engineering students.” *The ASEE 126th Annual Conference and Exposition*, June 16-19, 2019, Tampa, FL.
3. **Nguyen, L. D.**, Tran, D. Q., Nguyen, A. T., and Le-Hoai, L. (2016). “Computational model for measuring project complexity in construction.” *The North American Fuzzy Information Processing Society Annual Conference*, October 31-November 4, 2016, El Paso, TX.
4. **Nguyen, L. D.**, Badir, A., Kinzli, K.-D., and O’Neill, R. J. (2016). “Student learning and practitioner participation in FGCU civil engineering senior design.” *FEE Educator-Student-Practitioner Summit*, August 4, 2016, Ponte Vedra Beach, FL.
5. **Nguyen, L. D.** and Tran, D.Q. “An approach to assessment of fall risk for building construction.” *The ASCE 2016 Construction Research Congress*, May 31-June 2, 2016, San Juan, PR.

6. **Nguyen, L. D.**, Koufakou, A., and Mitchell, C.*** “A smart mobile app for site inspection and documentation.” *The CSCE 2015 International Construction Specialty Conference (ICSC)*, June 7-10, 2015, Vancouver, Canada.
7. **Nguyen, L. D.**, Chih, Y.-Y., and Garcia de Soto, B. “Exploring knowledge areas offered in project management programs in construction.” *The CSCE 2015 International Construction Specialty Conference (ICSC)*, June 7-10, 2015, Vancouver, Canada.
8. **Nguyen, L. D.**, Nguyen, T. K. N., and Tran, D. Q. “Shift work and labor productivity in urban sewer construction.” *The ASCE 2014 Construction Research Congress*, May 19-21, 2014, Atlanta, GA.
9. **Nguyen, L. D.**, Phan, D. H., and Tang, L. C. M. “Predicting construction duration with typical construction sequences for high-rise buildings.” *The 2013 Architectural Engineering Institute (AEI) Conference*, April 3-5, 2013, State College, PA.
10. **Nguyen, L. D.** and Nguyen, H. T. “Relationship between floor number and labor productivity in multistory structural work: A case study.” *The ASCE 2012 Construction Research Congress*, 1520-1529, May 21-23, 2012, West Lafayette, IN.
11. **Nguyen, L. D.** “Float, logic, resource allocation in forensic schedule analysis.” *The 2nd ASEAN Civil Engineering Conference*, March 11-12, 2010, Vientiane, Laos.
12. **Nguyen, L. D.** and Ibbs, W. “Delay analysis considering resource allocation.” *The 31st Annual Conference of the Australasian Universities Building Educators Association (AUBEA)*, July 12-14, 2006, Sydney, Australia.
13. **Nguyen, L. D.**, Ogunlana, S., and Lam, K. C. “Modeling the dynamics of a tunnel construction project.” *The Second International Conference on Construction in the 21st Century: Sustainability and Innovation in Management and Technology*, December 10-12, 2003, Hong Kong, 541-546.

POSTER PRESENTATION (***Undergraduate student; presenter underlined)

1. **Crespo, N.*****, Koufakou, A., and **Nguyen, L. D.** “Hurricane Irma: Analysis of public comments on power restoration.” *Florida Undergraduate Research Conference (FURC)*, February 21-22, 2020, Fort Myers, FL.
2. **Slobodzian, A.***** and **Nguyen, L. D.** “Improving the resilience of transportation infrastructure in Southwest Florida in response to hurricanes.” *FGCU STEM Undergraduate Research and Internship Symposium*, December 6, 2019, Fort Myers, FL.
3. **Crespo, N.*****, Koufakou, A., and **Nguyen, L. D.** “Hurricane Irma: Analysis of public comments on power restoration.” *FGCU STEM Undergraduate Research and Internship Symposium*, December 6, 2019, Fort Myers, FL.
4. **Mitchell, C.*****, Koufakou, A., and **Nguyen, L. D.** “A smart mobile app for site inspection and documentation.” *FGCU STEM Undergraduate Research and Internship Symposium*, December 5, 2014, Fort Myers, FL.

ACADEMIC SERVICE

Committee Membership

Member, Faculty Affairs team, FGCU, 2013 – present
 Member, Program Review Committee, FGCU, 2015 – present
 Member, Graduate Committee, WCE, FGCU, 2016 – 2018.

Member, Curriculum Committee, WCE, FGCU, 2011 – 2015.
Member, Faculty Senate, FGCU, 2012 – 2014
Member, CM faculty search committee, WCE, FGCU, 2019 – 2020
Member, CM department chair search committee, WCE, FGCU, 2018 – 2019
Member, CM faculty search committee, WCE, FGCU, 2018 – 2019 & 2019-2020
Member, Civil engineering faculty search committee, WCE, FGCU, 2016 – 2017.
Member, Academic Advisor I search committee, WCE, FGCU, 2013 – 2014.
Member, Biology Instructor search committee, CAS, FGCU, 2011 – 2012.
Member, Building Energy Efficiency Group, FGCU, 2011 – 2012.

Advising and Mentoring

Faculty advisor, Florida Engineering Society (FES), FGCU, 2014 – present
Mentor, 20-25 students per semester with regards to classes and academic issues, 2011 – present

Editorial Activities

Assistant specialty editor, Journal of Construction Engineering and Management, ASCE, 2016 – present
Editorial board member, International Journal of Project Management, Elsevier, 2016 – present

External Review Activities

Reviewer, Journal of Construction Engineering and Management, ASCE, 2010 – present
Reviewer, International Journal of Project Management, 2013 – present
Reviewer, Journal of Management in Engineering, ASCE, 2015 – present
Reviewer, Engineering, Construction, and Architectural Management, 2015 – present
Reviewer, Automation in Construction, Elsevier, 2011 – present
Reviewer, Construction Management and Economics, 2017 – present
Reviewer, Proceedings of the Institution of Civil Engineers – Engineering Sustainability, 2017
Reviewer, Journal of Computing in Civil Engineering, ASCE, 2016
Reviewer, International Journal of Construction Management, 2016 – present
Reviewer, Expert Systems with Applications, 2015
Reviewer, Canadian Journal of Civil Engineering, 2015 – present
Reviewer, Journal of Civil Engineering and Management, 2010
Reviewer, UNILAG Construction Research Journal, 2008
Reviewer, Book proposals, ASCE Press, 2008
Reviewer, Book chapter, CRC Press, Taylor & Francis Group, 2016
Reviewer, ASEE Annual Conference and Exposition, 2018 – present
Reviewer, the 2018 Construction Research Congress, ASCE Construction Institute
Reviewer, the 2017 CSCE International Construction Specialty Conference
Reviewer, the 2016 Construction Research Congress, ASCE Construction Institute
Reviewer, the 2014 Construction Research Congress, ASCE Construction Institute
Reviewer, the 2012 Construction Research Congress, ASCE Construction Institute

Conference Session Activities

Session chair/moderator, the 2018 Construction Research Congress, New Orleans, LA, 2018

Session chair/moderator, the 2014 Construction Research Congress, Atlanta, GA, 2014

PROFESSIONAL AFFILIATIONS

Member, American Society of Civil Engineers (ASCE)

Member, Construction Research Council, ASCE

Member, Project Management Institute (PMI), 2013-2017

Charter Member, FGCU Chapter of Phi Kappa Phi (Chapter 408), 2021 (expected)

HONORS, AWARDS, AND GRANTS

2019 ASCE Outstanding Reviewer, Journal of Construction Engineering and Management, 2020

2018 ASCE Outstanding Reviewer, Journal of Construction Engineering and Management, 2019

Ten-year most outstanding staff (2009-2019), Tuan Le Construction, 2019

2017 ASCE Outstanding Reviewer, Journal of Construction Engineering and Management, 2018

2016 ASCE Outstanding Reviewer, Journal of Management in Engineering, 2017

Outstanding Reviewer, International Journal of Project Management, 2015, 2016, 2017

Outstanding Reviewer, Automation in Construction, 2017

Professional Development Fund Grant, Faculty Senate, FGCU, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Professional Development Enhancement Award, FGCU, 2019.

ASCE ExCEED Fellow, 2012

Travel grant, ORSP, FGCU, 2012

Travel grant and distinguished delegate, ASEAN University Network/Southeast Asia Engineering Education Development Network (AUN/SEED-Net), 2010

Graduate fellowship, UC Berkeley, 2006 – 2007

Grant by Engineering and Project Management program, UC Berkeley, 2006 – 2007

Grant-in-Aid, Services for International Students and Scholars, UC Berkeley, 2006 – 2007

Graduate fellowship, Vietnam Education Foundation (U.S. Federal Agency), 2004 – 2006

Mahesh Varma Prize, AIT, Thailand, 2003

Full scholarship for the Master Degree's program at AIT, Asian Development Bank-Japan Scholarship Program, 2001 – 2003

Third Prize and Bronze Medal, National Mechanics Olympiad, Ministry of Education and Training and Vietnamese Association of Mechanics, Vietnam, 1997

RESEARCH / SCHOLARLY PROJECTS

“Automated Quantification of UAS Emergent Risks”, National Aeronautics and Space Administration (NASA), 9/2020, \$714,368, (PI: Izadi Moud, H., Co-PI: **Nguyen, L. D.** and Flood, I., not funded)

“Use of Unmanned Aircraft Systems for Departments of Transportation”, National Cooperative Highway Research Program administered by the Transportation Research Board (TRB) of the National Academies of Sciences, Engineering, and Medicine, 8/2020, \$45,000 (PI: **Nguyen, L. D.**, Co-PI: Izadi Moud, H., Villiers, C., and Chandrawinata, M., not funded)

“The Interdependencies of Regional Infrastructure Lifelines under the Impact of Hurricanes”, \$18,500 (PI: **Nguyen, L. D.**, Co-PI: Koufakou, A., Michael, P., Tsegaye, S., and Villiers, C.), Scholarship-Research Venture Capital Fund, FGCU, 3/2019-6/2019.

- “Glades County US 27 Corridor Utilities Study”, Glades County, Florida, 5/2018-8/2018, \$36,050 (PI: Banyan, M., Co-PIs: **Nguyen, L. D.**, Villiers, C. and Waldrop Engineering).
- “Improving FGCU Preparedness and Resilience to Hurricane Related Flooding”, \$65,690 (PI: Tsegaye, S., Co-PIs: Kim, J.-J., **Nguyen, L. D.**), FGCU, 10/2018-6/2019.
- “Promoting Community Preparedness and Resilience to Extreme Weather Events: A Case of Hurricane Irma-related Flooding Impacts in the City of Bonita Springs, Florida”, FGCU Office of Undergraduate Studies, 1/2018, \$14,480 (PI: Tsegaye, S., Co-PIs: **Nguyen, L. D.** and Kim, J.-Y., not funded).
- “National Summer Transportation Institute (NSTI) program at Florida Gulf Coast University”, Federal Highway Administration, 7/2017, \$20,000 (PI: Villiers, C., Co-PI: **Nguyen, L. D.**).
- “Computer Vision Education through Interdisciplinary Guided Research in Image-Based Classification of Construction Defects.” Proposal submitted to 2015 FGCU Multidisciplinary Research Initiative, 7/2015-6/2016, \$14,842.60 (PI: Koufakou, A., Co-PIs: Brooks, C. and **Nguyen, L. D.**, not funded).
- “Alternative Construction Research.” Proposal submitted to Florida Department of Transportation (FDOT) to respond to RFRP-14/15-001, 1/2015-1/2016, \$123,897 (PI: **Nguyen, L. D.**, Co-PIs: Villiers, C. and Tran, D., not funded, ranked 2nd).
- “A Risk-based Cross-Impact Analysis Framework to Manage Uncertainty for Capital Projects.” Preliminary proposal submitted to Project Management Institute, 1/2015-12/2016, \$47,000 (PI: Tran, D., Co-PI: **Nguyen, L. D.**, not funded).
- “Real-time image-based classification of construction defects.” Proposal submitted to 2014 FGCU Multidisciplinary Research Initiative, 7/2014-6/2015, \$15,000 (PI: **Nguyen, L. D.**, Co-PIs: Koufakou, A. and Gonzalez, F., not funded).
- “Evaluation of the Haitian cement in construction application.” Proposal submitted to 2014 FGCU Multidisciplinary Research Initiative, 7/2014-6/2015, \$12,074 (PI: Villiers, C., Co-PIs: Coticone, S. and **Nguyen, L. D.**, not funded).
- Analyzing construction management practices and productivity in an Integrated Gasification Combined Cycle (IGCC) Power Plant project with the Ibbs Consulting Group (3/2013-July/2014) (\$23,400 for **Nguyen, L. D.**).
- “An investigation of the knowledge areas developed and delivered in project management education.” Preliminary proposal submitted to Project Management Institute, 1/2014-12/2015, \$50,000 (PI: **Nguyen, L. D.**, Co-PI: Chih, Y.-Y., not funded).
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- “Fuzzy AHP-based evaluation of contractor quality performance.” Funded by the Competitive Earmarked Research Grant (CERG, Hong Kong, HK\$337,631, PI: Lam, K. C.). Role: senior research assistant, 7/2003-3/2004.
- “Developing application of self-compacting concrete to enhance quality, cost effectiveness, buildability and to reduce noise nuisance in public housing construction.” Funded by Housing Authority Research Fund (HARF, Hong Kong, PI: Lam, K. C.). Role: senior research assistant, 7/2003-3/2004.

“Applying Internet technology in construction quality management.” Funded by CityU Strategic Research Grant (SRG, Hong Kong, PI: Lam, K. C.). Role: research assistant, 7/2003-3/2004.

GRADUATE STUDENTS

Successfully supervising 14 graduate students in their Master’s theses.

External committee member for one Ph.D. dissertation, the University of Kansas, 2020.