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Curriculum Vitae

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Short Biography

I am currently a Senior Lecturer and Subject Lead in Quantity Surveying at School of Built Environment, Massey University, New Zealand. Prior joining Massey, I worked as a lecturer at Hanoi University of Civil Engineering, Vietnam.

My professional expertise lies in quantity surveying and construction management, which I bring to both my teaching and research at Massey University. My work focuses on enhancing efficiency and effectiveness in the construction industry, with a particular emphasis on advancing practices that support sustainable construction. I am committed to addressing critical challenges in the built environment, especially those related to sustainability, where my research contributes to community impact, policy development, and improved industry practices. My current research explores key areas of sustainable construction, including decarbonisation of the built environment, climate change adaptation, stakeholder engagement, waste management in the construction sector, and education in construction.

Since 2025, I have served as a member of the Membership and Communication Committee and the Regional Director for the ASEAN region within the International Council for Research in Building and Construction (CIB). In this capacity, I have successfully coordinated four webinars, engaging diverse audiences from Malaysia, Vietnam, Indonesia, and the Philippines, and facilitating knowledge exchange by inviting distinguished guest speakers from these countries, alongside CIB experts to promote CIB profile in the region.

Education

- 2017-2021 **PhD in Construction**, *School of Built Environment, Massey University, New Zealand*
- 2011-2014 M.Sc. in Construction Management, Hanoi University of Civil Engineering
- 2006-2010 B.Sc. in Construction Economics and Management, Hanoi University of Civil Engineering

Working Experience

- 2026-to date **Senior Lecturer and Subject Lead in Quantity Surveying**, Massey University
 - Teaching and Supervising: Undergraduate courses and Postgraduate courses
 - Quantity Surveying Subject Lead: Leading accreditation documentation and quality assurance of the programmes
 - Programme Committee Member: academic governance, programme oversight, and continuous improvement
- 2023-2026 **Lecturer in Quantity Surveying**, Massey University
 - Teaching: Undergraduate courses and Postgraduate courses
 - Supervising Masters' thesis
 - Co-supervising PhD students on sustainable construction, procurement, waste management, contract management, and contractors' capacity

- 2021 - 2023 **Postdoctoral Fellow**, Massey University
- 2017-2020 **Academic Assistant**, Massey University
- 2012-2017 **Lecturer**, Faculty of Construction Economics and Management, National University of Civil Engineering, Vietnam
- 2011-2012 **Project Assistant**, DOJ Group, Vietnam
- 2010-2011 **Quantity Surveyor**, Vinaconex Hoang Thanh, Vietnam

Awards

- 2025 **Editor's Choice Award**, paper titled "Policy mapping for net zero carbon: insights from developed countries", Buildings
- 2025 **Highly Commended paper**, paper titled "A Review of Literature on Political and Regulatory Barriers to Delivering New Net Zero Emissions Buildings", New Zealand Built Environment Research Symposium NZBERS2025
- 2022 **CIB's Best Doctoral Thesis Award**, being selected in the Top 3 of The International Council for Research and Innovation in Building and Construction CIB's Best Doctoral Research Award 2022
- 2022 **Paper's award**, "Sustainable refurbishment for school buildings: a literature review" paper was selected in the collection highlights ten of the most influential and topical papers over four decades of the International Journal of Building Pathology and Adaptation
- 2021 **PhD award**, School of Built Environment, Massey University, Head of School Postgraduate Excellence Award Cup

Memberships

- 2025-current Member of Membership and Communication Committee, Regional Director for the ASEAN region of International Council for Research and Innovation in Building and Construction (CIB)
- 2022 **Teaching**, Fellow of the UK Professional Standards Framework (UKPSF) for teaching and supporting learning in higher education (FHEA)
- 2022 **Professional**, Affiliate member of New Zealand Institute of Quantity Surveyor
- 2018-2020 **Vice President**, Massey University CIB Student Chapter

Academic Citizenship

- 2025-current School representative, Emerging Researcher Group (EmRs), College of Science, Massey University
- 2025 Conference organising committee, New Zealand Built Environment Symposium, NZBERS 2025, 12-13 Feb 2025, Auckland, New Zealand
- 2025 Session chair, the 46th Australasian Universities Building Education Association Conference (AUBEA 2025), 26-28 November 2025, Canberra, Australia
- 2025 Session moderator, the 35th World Building Congress, WBC 2025, 19-23 May 2025, Indiana, USA.
- 2023 Conference organising committee, The 46th Australasian Universities Building Education Association Conference (AUBEA 2023), 26-28 November 2023, Auckland, New Zealand
- 2023 Session chair, the 13th International Conference on Engineering, Project, and Production Management (EPPM 2023) 30 November – 1 December 2023, Auckland, New Zealand

- 2020 Conference organising committee, Construction Digitalisation for Sustainable Development conference, (CDSO 2020), 24-25 November, Hanoi, Vietnam
- 2020-2025 Scientific committee member of conferences: WBC, AUBEA, WSBE, EPPM, NZBERS, CDSO
- 2020-2025 Journal reviewer: JBE, BRI, ECAM, SASC, BEPAM, IJBPA, and others
- 2023-2025 PhD Thesis examiner

Selected Publications

Edited books, book chapters

Sutrisna. M., Jelodar. M. B., Domingo. N. D., **Le. A.**, Kahandawa. R., (2025). Creating Capacity and Capability: Embracing Advanced Technologies and Innovations for Sustainable Future in Building Education and Practice (Vol. Resilience and Sustainability in Building and Construction, Volume II). Springer Nature

Domingo, N., and **Le, A.** (2025). Future of Net Zero Carbon Practices in Construction. In N. Domingo, S. Senarathne, S. Wilkinson, and S. Perera (Eds.), Global Net Zero Carbon Practices in Construction (1 ed., pp. 177-182). Singapore: Springer Nature Singapore Pte Ltd.

Journal articles

Tong, N., Domingo, N., and **Le, A.** (2025). Designing out waste implementation in the wall system of residential projects in New Zealand. *Journal of Building Engineering*. 119

Seran, K., Rotimi, J., and **Le, A.** (2025). Decision making support tool for renewable energy prioritization to achieve sustainable development goals (SDGs): Conceptual framework. *Energy and Environmental Sustainability*. 1(4)

Agri, M. E., **Le, A.**, and Phung, Q., (2025). AI integration in architectural design and management: professionals' perspectives. *Architectural Engineering and Design Management*. 1–16. <https://doi.org/10.1080/17452007.2025.2548911>

Priyan, P., **Le, A.**, Domingo, N., and To, T. H. Q. (2025). Zero-carbon refurbishment: current practices and attitudes from a New Zealand interview study. *International Journal of Building Pathology and Adaptation*, Ahead of Print

Bui, T., Domingo, N., and **Le, A.** (2025). Factors Affecting the Selection of Sustainable Construction Materials: A Study in New Zealand. *Buildings*, 15(5)

Liang, J., Vishnupriya, V., **Le, A.**, and Shen, X. (2025). Future directions for advancing Green Star NZ to achieve zero-carbon goals: insights from industry professionals. *International Journal of Building Pathology and Adaptation*, 43(8), 41-58

Tong, N., Domingo, N., and **Le, A.** (2024). Decision support tool for designing out waste: a conceptual framework. *Smart and Sustainable Built Environment*, Ahead-of-print.

Mahmoodi, M., Rasheed, E., and **Le, A.** (2024). Systematic Review on the Barriers and Challenges of Organisations in Delivering New Net Zero Emissions Buildings. *Buildings*, 14(6).

Tong, N., Domingo, N., and **Le, A.** (2024). Construction waste management in residential green buildings in New Zealand. *Built Environment Project and Asset Management*, Ahead-of-print.

Le, An, Navodana Rodrigo, Niluka Domingo, and Sepani Senaratne. 2023. Policy Mapping for Net-Zero-Carbon Buildings: Insights from Leading Countries, *Buildings*, Vol 13, no. 11: 2766.

An Thi Hoai Le, Niluka Domingo, Eziaku Rasheed and Kenneth Park (2023), Development and application of a framework for managing school buildings: A case study in New Zealand, *Journal of Building Engineering*, Vol 77, October 2023.

An Thi Hoai Le, Monty Sutrisna (2023), Project cost control system (PCCS) and enabling-factors model: PLS-SEM approach and importance-performance map analysis, *Engineering, Construction and Architectural Management*, (ahead-of-print).

An Thi Hoai Le, Niluka Domingo, Eziaku Rasheed and Kenneth Park (2022), Maturity model of building maintenance management for New Zealand's state schools, *Building Research & Information*, 50:4, 438-451.

An Thi Hoai Le, Niluka Domingo, Eziaku Rasheed and Kenneth Park (2022), Strategic collaboration in managing existing buildings in New Zealand's state schools: school managers' perspectives, *Construction Management and Economics*, 40:3, 173-185.

An Thi Hoai Le, Niluka Domingo, Casimir MacGregor, Regan Potangaroa (2022), Conceptualising a Framework for Construction Sector Capacity: an integrative literature review, *Construction Economics and Building*, 22(4).

Aigwi, I.E., Nwadike, A.N., **Le, A.T.H.**, Rotimi, F.E., Sorrell, T., Jafarzadeh, R. and Rotimi, J. (2022), "Prioritising optimal underutilised historical buildings for adaptive reuse: a performance-based MCDA framework validation in Auckland, New Zealand", *Smart and Sustainable Built Environment*, Vol. 11 No. 2, pp. 181-204.

Le, A.T.H., Domingo, N., Rasheed, E.O. and Park, K.S. (2020), Building and property management framework for state schools in New Zealand, *Facilities*, Vol. 39 No. 3/4, pp. 172-195.

Le, A.T.H., Park, K.S., Domingo, N., Rasheed, E. and Mithraratne, N. (2018), Sustainable refurbishment for school buildings: a literature review, *International Journal of Building Pathology and Adaptation*, Vol. 39 No. 1, pp. 5-19.

Full publications: [Click here](#)

Funded Research Projects

- 2026 College of Science Research Fund, Benchmarking for Net-Zero Carbon Buildings, Key investigator
- 2025 College of Science Research Fund, Building Retrofitting for Climate Change, Key investigator
- 2021-2025 Creating Capacity and Capability for the New Zealand Construction Sector, This project is funded through new Zealand Ministry of Business, Innovation and Employment (MBIE), Researcher
- 2023-2024 Building Capability to Help the Construction Industry Transition to Zero Carbon, BRANZ Research Levy Project, Researcher

Personal Links

My Massey University website: [Click here](#)

My Google Scholar: [Click here](#)

My LinkedIn: [Click here](#)