

Curriculum Vitae



Dr Maria Cecilia Rojas Lopez

Senior Lecturer, Logistics and Supply Chain Management Programme
School of Business

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Education Qualifications

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| 2019 | PhD - Civil and Environmental Engineering, Nanyang Technological University, Singapore
(Thesis: Pedestrians and cyclists mobility models) |
| 2014 | BE - Civil and Environmental Engineering, National University of Kaohsiung/ Kaohsiung,
Taiwan |

Academic and Professional Experience

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| 2018 - 2019 | Project Officer. Nanyang Technological University, Singapore.
Project title: Walking and Cycling Demand Modelling at Neighbourhood Level |
| 2017 - 2018 | Principal Investigator. Cyclists' visual behaviour model project
Supported by the Mitsui Sumitomo Insurance Welfare Foundation Research Grant |
| 2014 - 2018 | Research Supporter (PhD Candidate). Nanyang Technological University, Singapore.
Several projects related to active mobility, travel behaviour and demand analysis |
| 2014 - 2018 | Co-supervisor (PhD Candidate). Nanyang Technological University, Singapore.
Several Final Year & URECA projects @ School of Civil and Environmental Engineering |

Research Interests

- Transport Planning & Urban management; Logistics Transport; Supply Chain Management; Demand Analysis; Sustainable Mobility

Selected Publications

- Google Scholar: <https://scholar.google.com/citations?user=ZGLJQ8UAAAAJ&hl=en>
- Mok, WY, Tan, C., & **Rojas Lopez**, M. C. (2023), Electric Light Good Vehicles in Singapore. An Economic, Environmental, and Operational Review. Journal of Resilient Economies, Vol. 3 No. 2. DOI: <https://doi.org/10.25120/jre.3.2.2023.4013>

- **Rojas Lopez**, M. C., Loh, HS. Last-Mile Delivery Innovations for Parcels Collection in Singapore. Sustainability, Economics, Innovation, Globalisation and Organisational Psychology (SEIGOP) Conference 2023.
- Che, MH., Wong, Y. D., Lum, K.M., & **Rojas Lopez**, M.C. (2021), Users' Behavioral Intention and their Behavior: Before-and-After Study of "Keep Left" Markings on Shared Footpaths. International Journal of Sustainable Transportation, 1-9.
- **Rojas Lopez**, M. C., & Wong, Y. D. (2019). Process and Determinants of Mobility Decision - A Holistic and Dynamic Framework. Travel Behaviour and Society 17, 120-129.
- **Rojas Lopez**, M. C., Recalde Melo, D. F., & Wong, Y. D. (2019). Transport Barriers and Its Health Implications in Asunción. Journal of Transport & Health 14, 100579.
- **Rojas Lopez**, M. C., Trin, D. T., & Wong Y. D. (31 Oct - 1 Nov 2019). Transitioning through different stages of transport planning in urban areas. IConference on Geotechnical, Structural and Construction Engineering (CIGOS 2019). Hanoi, Vietnam.

Updated on 19 January 2024