



Mr.Chaiwat Sangsrichan

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EDUCATION

M.Eng.	Civil Engineering (Transport Engineering) <i>GPA 3.38/4.00</i> <i>Thesis Title: "The Development of Non-Business Operating Cost Model for Semi-Trailer on Highway Network in Thailand"</i>	Naresuan University, Thailand	(2015)
B.Eng.	Civil Engineering <i>GPA 2.99/4.00 (Top Five Percent of Students)</i> <i>Thesis Title: "Strategic planning for school-bus system using Analytic Hierarchy Process"</i>	Naresuan University, Thailand	(2008)

EXPERIENCE

Working Experience:

- Lecturer, University of Phayao, Thailand (Mar 2017 – Present)
- Researcher, Excellence Center in Infrastructure Technology and Transportation Engineering (ExCITE), Chiang Mai University, Thailand (Aug 2015 – Feb 2017)
- Research Assistant, School of Logistics and Supply Chain (SLSC), Naresuan University, Thailand (Jan 2012 – Jul 2015)
- Research Assistant, Infrastructure and Transportation Center (ITC), Naresuan University, Thailand (Jan 2009 – Jul 2015)
- Civil Engineer, Ritta co., Ltd., Thailand (May 2008 – Dec 2008)
- Apprenticeship, Italian Thai Development PCL., Thailand (Oct 2007 – Feb 2008)

Training Experience:

- "Rail Freight Transport and Logistics" (by Dr.Marin Marinov, Newcastle University, UK) at Faculty of Engineering, Mahidol University, Thailand (22nd – 26th May 2017)
- "Supply Chain Leader" (by Department of Industrial Promotion, DIP) at Topland Hotel, Phitsanulok, Thailand (6th – 8th May 2011)
- "Black Spot Treatment Training Program" (by Office of Transport and Traffic Policy and Planning, OTP) at Topland Hotel, Phitsanulok, Thailand (23rd – 25th Jun 2010)

PUBLICATIONS

Journal Papers:

- Srisakda, N., Sumitsawan, P., Fukuda, A., Ishizaka, T., & **Sangsrichan, C.** (2022). Reduction of vehicle fuel consumption from adjustment of cycle length at a signalized intersection and promotional use of environmentally friendly vehicles. *Engineering and Applied Science Research*, 49(1). 18-28. (2022)
- Meechaiyo, B., & **Sangsrichan, C.** (2019). Developing Transportation System Strategic Plan for Sustainable Community Development: Naresuan University Case Study. *Naresuan University Engineering Journal*, 14(2). 1-13. (2019)
- Satirasetthavee, D., Pichayapan, P., **Sangsrichan, C.**, & Rukmoo, N. (2012). A Study on Factors in Influencing Transportation Mode Selection for Improvement of Public Transport System in Phitsanulok Municipality by Using Analytic Hierarchy Process Method. *Naresuan University Engineering Journal*, 7(1). 1-7. (2012)

Conferences:

- Srisakda, N., **Sangsrichan, C.**, Sumitsawan, P., Thanawuttipong, J., & Moarangsee, P. (2019). Proposed Options for Solving Traffic Congestion at Group of Signalized Intersections of the National Highway No.1 (Phaholyothin Road) in Phayao City. *Proceedings of the 24th National Convention on Civil Engineering*, 10-12 July, Udonthani, Thailand. (2019)
- **Sangsrichan, C.**, Suphajittranon, K., Satirasetthavee, D., Pochan, J., & Wichitphongsa, W. (2017). The Feasibility Study of an Intersection in University Area; a Case Study of Manudsart Intersection Naresuan University. *Proceedings of the 22nd National Convention on Civil Engineering*, 18-20 July, Nakhon Ratchasima, Thailand. (2017)
- **Sangsrichan, C.**, & Satirasetthavee, D. (2013). Development of Non - Operating Cost Model for Road Transportation of Thailand. *Proceedings of the 18th National Convention on Civil Engineering*, 8-10 May, Chiang Mai, Thailand. (2013)
- Tanratanawong, S., Panichakarn, B., Pinitjitsamut, M., Sukhotu, V., Pichayapan, P., Satirasetthavee, D. & **Sangsrichan, C.**, (2013). Full Cost of Road Transport (Case of North-South Economic Corridor). *Proceedings of the 1st Tao-Ngam Research*, 28-29 July, Phitsanulok, Thailand. (2013)
- Satirasetthavee, D., Pichayapan, P., **Sangsrichan, C.**, & Rukmoo, N. (2012). Influenced Factors in Transportation Mode Selection for Improving the Existing Public Transport by Using Analytical Hierarchy Process: Case Study Phitsanulok Technical College. *Proceedings of the 8th National Transport Conference*, 15-16 March, Chonburi, Thailand. (2012)

COMPLETED PROJECTS

Specialist:

- Transport Economics, “Education Master Plan for Chiang Mai Public Transport Development”. Office of Transport and Traffic Policy and Planning (OTP), Thailand. (Jan 2016 – Dec 2016)

Co-Researcher:

- Transportation and Traffic, “Feasibility Study of Passengers and Freight Transport Interchange System Development for Railway System Connection in Phayao Province”. University of Phayao (UP), Thailand. (Jun 2019 – May 2020)
- Traffic and Transportation Survey, “Survey and Detailed Design of Interchange at Highway Intersection of Route No. 1 and University of Phayao Entrance Road”. Department of Highways (DOH), Thailand. (Mar 2018 – Mar 2019)
- Transportation and Logistics, “Study of Guideline Solution for Sugarcane Truck Weight Limitation”. National Research Council of Thailand (NRCT) and The Thailand Research Fund (TRF), Thailand. (Dec 2017 – Dec 2018)
- Transportation and Logistics, “A Study of Demand and Information on Logistics Systems for Passengers, Services and Goods: Phu Doo International Point of Entry, Uttaradit Province”. National Research Council of Thailand (NRCT) and The Thailand Research Fund (TRF), Thailand. (Dec 2017 – Dec 2018)
- Transportation and Logistics, “The Study of Creative Tourism Supply Chain along Lower North Cluster 1 of Thailand and Danang Province of Vietnam”. National Research Council of Thailand (NRCT) and The Thailand Research Fund (TRF), Thailand. (Dec 2017 – Dec 2018)
- Transportation and Logistics, “Tourism Integration and Connectivity between Lower North Cluster 1 of Thailand and Sichuan Province of P.R.China”. National Research Council of Thailand (NRCT) and The Thailand Research Fund (TRF), Thailand. (June 2017 – May 2018)
- Transportation and Logistics, “Developing the Efficient Logistics and Supply Chain for Sugar Products”. National Research Council of Thailand (NRCT) and The Thailand Research Fund (TRF), Thailand. (May 2017 – April 2018)
- Transportation and Traffic, “Project consultant of the Department of Rural Development Plan for Group 1 (Chiang Mai University)”. Department of Rural Roads (DRR), Thailand. (Dec 2015 – Oct 2016)

Research Assistant:

- Transportation and Traffic (Non-motorized), “Feasibility Study on Economic, Engineering and Environmental Chao Phraya River Road”. Office of Transport and Traffic Policy and Planning (OTP), Thailand. (Apr 2015 – Dec 2015)
- Transportation and Traffic, “Road Safety Watch Project 2014 (Northern Region Network)”, ThaiRoads Foundation. (Sep 2014 – Feb 2015)
- Transportation Planning, “The Detailed Design and Rest Area Development Plan on Major truck Route in Thailand”. Office of Transport and Traffic Policy and Planning (OTP), Thailand. (Aug 2013 – Aug 2014)
- Transportation and Logistics, “FULL COST OF TRANSPORT AND PRICE DISTORTION (Case of North-South Economic Corridor)”. National Research Council of Thailand (NRCT) and The Thailand Research Fund (TRF), Thailand. (Jun 2012 – Jun 2013)
- Transportation and Traffic, “Project consultant of the Department of Rural Development Plan for Group 2 (Naresuan University)”. Department of Rural Roads (DRR), Thailand. (Dec 2015 – Oct 2016)
- Transportation and Traffic, “Road Safety Watch Project 2013 (Northern Region Network)”, ThaiRoads Foundation. (Dec 2013 – Feb 2014)
- Transportation Model, “Development of a strategic plan for community development, sustainable transport system” Naresuan University (NU), Thailand. (Mar 2012 – Mar 2013)
- Transportation and Traffic, “Road Safety Watch Project 2011 (Northern Region Network)”, ThaiRoads Foundation. (Jun 2011 – Dec 2011)
- Transportation Model, “Master Plan for Transportation and Traffic of Muang District, Phichit Province”. Office of Transport and Traffic Policy and Planning (OTP), Thailand. (Dec 2010 – Aug 2011)
- Transportation Model, “Master Plan for Transportation and Traffic of Muang District, Chai Nat Province”. Office of Transport and Traffic Policy and Planning (OTP), Thailand. (Dec 2010 – Aug 2011)
- Transportation and Traffic, “Master Plan for Transportation and Traffic of Muang District, Uthai Thani Province”. Office of Transport and Traffic Policy and Planning (OTP), Thailand. (Jan 2010 – Sep 2010)
- Transport Economics, “Master Plan for Transportation and Traffic of Muang District, Phetchabun Province”. Office of Transport and Traffic Policy and Planning (OTP), Thailand. (Jan 2009 – Sep 2009)