<table>
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<th>Course</th>
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<td>ELEMENTS OF INFRASTRUCTURE</td>
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<td>INTEGRATED/MULTI-DISCIPLINARY PROJECT 1</td>
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<td>PLANNING STUDIO 3</td>
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<td>PLANNING WORKSHOP 1</td>
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<td>STRUCTURE PRINCIPLE</td>
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<td>TRANSPORT POLICY AND PLANNING</td>
<td>2007/2008</td>
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<td>URBAN INFRASTRUCTURE</td>
<td>2003/2004</td>
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**In Progress**

- **2018 - Present**: Issues, Challenge and Prospect of Urban Mobility in Greater Kuala Lumpur Area in Malaysia
- **2015 - Present**: Evaluating the Effects of Road Hump as a Traffic Calming Measure on Speed and Noise Level at a University Setting
- **2012 - Present**: Eco-Friendly Campus

**Completed**

- **2015 - 2019**: Evaluating the Effects of Road Hump as a Traffic Calming Measure on Speed and Noise Level at a University Setting
- **2014 - 2018**: Modelling the Land Use and Pedestrian Environment for the Rail-Based Transit-Oriented Development towards Realizing NKRA Initiatives for an Improved Urban Public Transportation System
- **2014 - 2016**: Analysing Living Environment in Residential Areas Through Traffic Calming Measures
- **2013 - 2016**: Modelling the Travel Implications of Stated Preference Female Employees Towards Telecommuting in Kuala Lumpur
- **2011 - 2012**: Manual for Traffic Transport Analysis for Planning Studios
- **2011 - 2014**: RU 2011: Analysis of Parking Demand at Park and Ride Public Transport Terminal
- **2011 - 2014**: RU 2011: Analysis of factors and Implications Towards Telecommuting as an Alternate Work Arrangement in IIUM by Using Stated Preference Approach
- **2007 - 2011**: Studying Traffic Components and Characteristics in Traffic Planning and Engineering
Evaluation of the E-Submission for Planning, Building & Engineering Approval from Authorities in Malaysia

2004 - 2011

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2020
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Transit-Oriented Development (TOD) planning analysis by integrating Geographic Information System (GIS) approach. Journal of Architecture Planning and Construction Management, 10 (1) pp.1-15

2019
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A theoretical overview of road hump effects on traffic noise in improving residential well-being. Transportation Research Procedia, 25 pp.3387-3401

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A theoretical overview of road hump effects on traffic speed in residential environments. Planning Malaysia: Journal of the Malaysian Institute of Planners, Special issue IV-2016 pp.343-352


Analysis of living environment settings in residential areas in Kuala Lumpur and Putrajaya. Architecture City and Environment, 10 (28) pp.33-56

Factors influencing the parking demand of the park and ride facility at Putrajaya public transportation terminal. Journal of the Eastern Asia Society for Transportation Studies, 11 pp.1291-1306


Analysis of parking usage at the park and ride facility in Klang Valley, Malaysia. WIT Transactions on The Built Environment, 138 pp.179-193

Evaluating the effects of road geometrical design towards spot speed distribution on arterial road. PLANNING MALAYSIA - Journal of the Malaysian Institute of Planners, 3 pp.111-126

Analysis of factors influencing use of motorcars in International Islamic University Malaysia, PLANNING MALAYSIA - Journal of the Malaysian Institute of Planners, XI pp.139-158


Evaluating the effects of road hump on traffic volume and noise level at Taman Keramat residential area, Kuala Lumpur. Journal of the Eastern Asia Society for Transportation Studies, 10 pp.1171-1188

Analysis of factors influencing the stated preference of academic employees towards telecommuting in IIUM campus, Gombak. PLANNING MALAYSIA - Journal of the Malaysian Institute of Planners, 10 pp.41-66

Users' perceptions on parking utilization pattern at park-and-ride facility in Putrajaya Sentral. Journal of Architecture, Planning and Construction Management, 1 (1) pp.147-165


2009 Analysis of streetlight illuminance in residential areas in Kuala Lumpur, Journal of Asian Architecture and Building Engineering, 8 (2) pp.547-554


Conference or Workshop Item

2020 Modeling female employees’ ability to telecommute in Kuala Lumpur, In: 8th Transport Research Arena (TRA2020)

2019 The effects of land use characteristics on passenger ridership of rail-based transit oriented development in Kuala Lumpur, In: The 13th International Conference of Eastern Asia Society for Transportation Studies (EASTS) 2019

2019 Identification of factors towards contributing frequency of walking to access urban rail transit station, In: The 13th International Conference of Eastern Asia Society for Transportation Studies (EASTS) 2019

2019 Socio-economic and travel characteristics of transit users at transit-oriented development (TOD) stations, In: 15th World Conference on Transport Research

2019 Evaluating the effects of road hump on speed and noise level at a university setting, In: The 13th International Conference of Eastern Asia Society for Transportation Studies (EASTS) 2019

2019 Evaluating the effects of road hump on the speed of vehicles in an institutional environment, In: The 13th International Conference of Eastern Asia Society for Transportation Studies (EASTS) 2019

2018 A review of literature on the effects of road hump on traffic speed and traffic noise in institutional area, In: 13th Malaysian Universities Transport Research Forum Conference 2018


2017 Evaluating the effectiveness of road hump on changes in speed of vehicles at institutional road in International Islamic University Malaysia, In: 12th EASTS International Conference of Eastern Asia Society for Transportation Studies

2017 Analysis on pedestrian infrastructure design at rail transit stations along Kelana Jaya line, In: 12th EASTS International Conference of Eastern Asia Society for Transportation Studies
The effect of land use and pedestrian infrastructures design on pedestrian-based transit ridership (PBTR) at urban rail transit station. A case study in Kuala Lumpur, Malaysia. In: 12th EASTS International Conference of Eastern Asia Society for Transportation Studies

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Residents' perceptions on the effectiveness of road humps in improving Malaysian residential environments. In: 2nd World Congress on Civil, Structural, and Environmental Engineering (CSEE’17): 2nd International Conference on Traffic Engineering

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2015 Factors influencing the parking demand of the park and ride facility at Putrajaya public transportation terminal. In: The 11th International Conference of Eastern Asia Society for Transportation Studies (EASTS 2015)

2015 A theoretical overview on effects of road humps on traffic speed, noise and volume in improving residential living environment. In: The 11th International Conference of Eastern Asia Society for Transportation Studies (EASTS 2015)

2015 Literature review on the effect of landuse density and diversity on the passenger ridership of rail-based public transportation system. In: The 10th Malaysian University Transport Research Forum Conference (MUTRFC)

2015 Theoretical review on the relationship between pedestrian infrastructure design and passenger ridership under rail-based transit oriented development. In: The 10th Malaysian University Transport Research Forum Conference (MUTRFC)


2014 Modeling the effects of factors on the willingness of female employees to telecommute in Kuala Lumpur, Malaysia. In: International Conference on Transportation Planning and implementation Methodologies for Developing Countries (11th TPMDC)

2014 Factors influencing the stated preference of university employees towards telecommuting in International Islamic University Malaysia. In: International Conference on Transportation Planning and Implementations Methodologies for Developing Countries (11th TPMDC 2014)


2013 Preliminary findings on the commute travel implications of stated preference female teleworkers in Kuala Lumpur. In: 10th Eastern Asia Society for Transportation Studies

2013 Analysing factors influencing stated preference of the administrative and academic employees towards telecommuting in IIUM Campus, Gombak. In: 10th EASTS Conference 2013

2013 Evaluating the parking demand at park and ride facility at Putrajaya public transportation terminal. In: 10th Eastern Asia Society for Transportation Studies

2012  A theoretical review in evaluating the impact of traffic calming measures on the residential living environment. In: International Conference on Green in the Built Environment

2012  Analysis of literature review on factors influencing the adoption of telecommuting. In: 3rd International Technical Conference

2012  A theoretical review on the factors influencing the demand for park and ride facility. In: 3rd International Technical Conference

2012  A literature review on the factors influencing employees' preference towards telecommuting. In: Conference on Urban Planning and Management in Malaysia

2012  A literature review on the parking demand of park and ride facilities. In: Conference on Urban Planning and Management in Malaysia

2012  A literature analysis on the living environmental elements in residential areas. In: Urban Planning and Management in Malaysia

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2011  Analysis of traffic flow characteristics in a university setting. In: International Transport Research Conference 2011

2010  A theoretical approach in evaluating the potential impact of women telecommuters on travel demand. In: Malaysian Universities Transportation Research Forum and Conference


2007  Analysing the potential of telecommuting as a substitute for commute level. In: The 7th International Conference of Eastern Asia Society for Transportation Studies, 2007

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2017  Stated preference approach towards the adoption of telecommuting in higher learning institution. IIUM Press, International Islamic University Malaysia. ISBN 978-967-418-542-8


2014 A manual for data collection and analysis on traffic and transport sector for planning studios, IIUM Press. ISBN 9789674183356


2009 Telecommuting and transportation: relationship and implications, IIUM Press. ISBN 9789675272073

2009 Perceptions of potential employees on teleworking in private firms in Kuala Lumpur, Research Centre, International Islamic University Malaysia. ISBN 9832957486

2005 A study on parking space utilization at the International Islamic University Malaysia, IIUM Press. ISBN 9832957338

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2011 Sample, sampling and survey methods in transportation planning projects, In: Contemporary studies and methodology in urban and regional planning in Malaysia IIUM Press. ISBN 9789670225678, pp.185-197