

ABDUL AZEEZ BIN KADAR HAMSA



- KULLIYAH OF ARCHITECTURE AND ENVIRONMENTAL DESIGN
- IIUM Gombak Campus
- Email address: azeez@iium.edu.my

ACADEMIC QUALIFICATION

- Ph.D in Urban and Regional Planning
- Master in Urban Engineering
- Bachelor in Engineering

TEACHING RESPONSIBILITIES

COMPUTER AIDED DESIGN - 2D	1998/1999 1999/2000
ELEMENTS OF INFRASTRUCTURE	1999/2000 2001/2002 2002/2003 2003/2004 2004/2005 2005/2006 2006/2007 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
INTEGRATED/MULTI-DISCIPLINARY PROJECT 1	2001/2002
PLANNING MODELS AND TECHNIQUES	2002/2003
PLANNING STUDIO 3	2010/2011 2011/2012
PLANNING STUDIO 4	2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019
PLANNING STUDIO 4 (LOCAL PLANNING)	2019/2020 2020/2021
PLANNING STUDIO 5	2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
PLANNING STUDIO 5 (STRATEGIC PLANNING)	2020/2021
PLANNING WORKSHOP 1	2006/2007 2009/2010
PLANNING WORKSHOP II	2004/2005 2006/2007
PROJECT PAPER	2002/2003 2003/2004 2004/2005 2005/2006
STRUCTURE 1	2004/2005 2005/2006
STRUCTURE PRINCIPLE	1998/1999
STRUCTURE PRINCIPLES	2003/2004 2004/2005

TRAFFIC ENGINEERING	1999/2000 2002/2003 2003/2004 2004/2005 2005/2006 2006/2007 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012
TRANSPORT POLICY AND PLANNING	2007/2008
TRANSPORTATION PLANNING	2006/2007 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
URBAN INFRASTRUCTURE	2003/2004
URBAN TRAFFIC SYSTEM	2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021

RESEARCH PROJECTS

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

2004 - 2011 Evaluation of the E-Submission for Planning, Building & Engineering Approval from Authorities in Malaysia

PUBLICATIONS

Article

- 2020** [Selangor state structure plan \(SSP\) : a way forward to 2035.](#) Design Ideals , 2 (1) pp.49-56
- 2020** [A review on the states structure plan of Selangor 2035 : radial economic nucleus.](#) Design Ideals , 2 (1) pp.57-64
- 2020** [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
- 2020** [Socio-economic and travel characteristics of transit users at Transit-Oriented Development \(TOD\) stations.](#) Transportation Research Procedia , 48 pp.1931-1955
- 2019** [Modelling the effects of factors on the stated preference towards telecommuting in IIUM campus, Gombak.](#) International Journal of Urban Sciences , 23 (1) pp.122-147
- 2018** [Evaluating travel time and passenger ridership of university shuttle bus service.](#) Planning Malaysia: Journal of the Malaysian Institute of Planners , 16 (3) pp.233-247
- 2018** [Residents' perceptions on road hump effectiveness in Malaysian residential environments.](#) International Journal of Civil Infrastructure , 1 pp.9-21
- 2018** [Estimating commute-travel implications of telecommuting by female employees in Kuala Lumpur, Malaysia.](#) Journal of Traffic and Transportation Engineering (English Edition) , 5 (2) pp.148-155
- 2017** [A theoretical review on the effects of road hump on traffic volume, speed and noise in residential areas.](#) Journal of Architecture Planning and Construction Management , 7 (1) pp.48-56
- 2017** [A theoretical overview of road hump effects on traffic noise in improving residential well-being.](#) Transportation Research Procedia , 25 pp.3387-3401
- 2017** [Evaluating the effects of transverse bar on vehicle speed at an arterial road in Kuala Lumpur.](#) Asian Transport Studies , 4 (4) pp.723-740
- 2017** [Evaluation of land use density, diversity and ridership of rail based public transportation system.](#) Transportation Research Procedia , 25 pp.5266-5281
- 2016** [Summary on the Effect of Density, Diversity and Pedestrian Infrastructure on the Use of Rail-based Urban Public Transport.](#) WIT Transactions on Ecology and the Environment , 210 pp.567-576
- 2016** [A study on the effects of road humps in reducing speed along local roads in residential areas: case study of Taman Setiawangsa.](#) Planning Malaysia - Journal of the Malaysian Institute of Planners , XIV pp.55-66

- 2016** [Exploring the effects of factors on the willingness of female employees to telecommute in Kuala Lumpur, Malaysia.](#) Transportation Research Procedia , 17 pp.408-417
- 2016** [Factors influencing the stated preference of university employees towards telecommuting in International Islamic University Malaysia.](#) Transportation Research Procedia , 17 pp.478-487
- 2016** [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
- 2015** [Analysis of living environment settings in residential areas in Kuala Lumpur and Putrajaya.](#) Architecture City and Environment , 10 (28) pp.33-56
- 2015** [Students' motivation and attitude towards the learning of arabic language: A case study of Arabic students in Nigerian universities.](#) International Journal of Economics and Financial Issues , 5 (Special Issue) pp.122-127
- 2015** [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
- 2014** [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
- 2014** [Analysis of parking usage at the park and ride facility in Klang Valley, Malaysia.](#) WIT Transactions on The Built Environment , 138 pp.179-193
- 2013** [The effect of road hump in reducing speed of motorcars in a residential area in Kuala Lumpur.](#) Journal of Design and Built Environment , 13 pp.1-13
- 2013** [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
- 2013** [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
- 2012** [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
- 2011** [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
- 2011** [Evaluating the effects of exclusive bus lanes on passenger ridership and travel time in Kuala Lumpur city roads.](#) Journal of the Eastern Asia Society for Transportation Studies , 9 pp.986-999
- 2011** [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

- 2010 [Perception analysis of living environment at Taman Melati residential area.](#) Journal of Design and Built Environment , 7 pp.1-13
- 2009 [Analysis of streetlight illuminance in residential areas in Kuala Lumpur.](#) Journal of Asian Architecture and Building Engineering , 8 (2) pp.547-554
- 2005 [Theoretical framework of a trip generation model in an urban area.](#) Journal of Islamic Built Environment , 1 (1) pp.109-121
- 2005 [Perceptions on teleworking among potential employees in private organizations in Kuala Lumpur.](#) Journal of Islamic Built Environment , 1 (1) pp.85-94

Conference or Workshop Item

- 2020 [Modeling female employees' ability to telecommute in Kuala Lumpur.](#) In: **8th Transport Research Arena (TRA2020)**
- 2020 [Assessing the public transit service performance of an intra-city bus route in Malaysia.](#) In: **5th International Conference on Research for Transport and Logistics Industry**
- 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**
- 2019 [Socio-economic and travel characteristics of transit users at transit-oriented development \(TOD\) stations.](#) In: **15th World Conference on Transport Research**
- 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**
- 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**
- 2018 [A theoretical review of land use characteristics on the use of rail-based public transport in Kuala Lumpur.](#) 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**

- 2017 [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**
- 2017 [Analysing the effects of land use characteristics on passenger ridership of rail-based transit oriented development lessons from Pandan Indah and Ampang LRT Station.](#) In: **12th EASTS International Conference of Eastern Asia Society for Transportation Studies**
- 2017 [Evaluating the effects of road hump on noise level and vehicles speed at IIUM Institutional area.](#) In: **12th EASTS International Conference of Eastern Asia Society for Transportation Studies**
- 2017 [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**
- 2017 [Residents' perceptions on the effectiveness of road humps in improving Malaysian residential environments.](#) In: **2nd World Congress on Civil, Structural, and Environmental Engineering (CSEE 2017)**
- 2016 [Effects of road humps on traffic speed and noise in Putrajaya residential areas.](#) In: **10th Asia Pacific Conference on Transportation and the Environment In Conjunction With The 11th Malaysian Universities Transport Research Forum 2016**
- 2016 [Estimating the travel implications of telecommuting by female employees in Kuala Lumpur, Malaysia.](#) In: **10th Asia Pacific Conference on Transportation and the Environment In Conjunction With The 11th Malaysian Universities Transport Research Forum 2016**
- 2016 [The effect of land use density, diversity and pedestrian infrastructure design to rail transit ridership in Kuala Lumpur, Malaysia.](#) In: **10th Asia Pacific Conference on Transportation and the Environment In Conjunction With The 11th Malaysian Universities Transport Research Forum 2016**
- 2016 [Telecommuting among female employees in Kuala Lumpur, Malaysia: Perceptions, potentials and travel implications.](#) In: **INTAN Research Fair (IRF) 2016**
- 2016 [Modelling the effect of factors on the stated preference towards telecommuting in IIUM campus, Gombak.](#) In: **14th World Conference on Transport Research 2016**
- 2016 [Evaluation of land use density, diversity and ridership of rail based public transportation system.](#) In: **14th World Conference on Transport Research 2016**
- 2016 [A theoretical overview of road hump effects on traffic noise in improving residential well-being.](#) In: **14th World Conference on Transport Research 2016**
- 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 [Estimating the reduction in single-occupancy vehicles entering Kuala Lumpur as a result of telecommuting by female employees.](#) 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)**
- 2015 [Planning of transit-oriented development cities for greater mobility.](#) In: **Sixteenth International Conference of Urban Transport (CODATU XVI)**
- 2015 [A theoretical overview of road hump effects on traffic speed in improving residential living environment.](#) In: **13th International Congress of Asian Planning Schools Association (APSA 2015)**
- 2014 [Analysis on pedestrian volume pattern and pedestrian infrastructure provision in IIUM Gombak campus .](#) In: **International Conference on Urban and Regional Planning**
- 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 [Measurement of performance-service indicators of KLIA transit .](#) In: **13th World Conference on Transport Research (WCTR 2013)**
- 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**
- 2013 [Parking utilization pattern of park and ride facility at public transportation terminals.](#) In: **10th EASTS Conference 2013**

- 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**
- 2012 [Analysing traffic elements in International Islamic University Malaysia by revealed preference approach.](#) In: **23rd EAROPH World Congress**
- 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 [A theoretical review on sustainable transportation strategies: the role of park and ride facility as a generator of public transport mode shift.](#) In: **23rd EAROPH World Congress the Eastern Regional Organisation for Planning and Human Settlement**
- 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**
- 2009 [Causes, trends and implications of motorization in Malaysia.](#) In: **8th Eastern Asia Society for Transportation Studies (EASTS 2009)**
- 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**

Book

- 2020 [Urban traffic system, 2nd ed..](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-491-050-1
- 2017 [Making telecommuting happen for female workers.](#) IIUM Press, International Islamic University Malaysia . ISBN 9789674185442
- 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
- 2017 [Parking demand of park and ride facility at public transportation terminal.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-543-5
- 2017 [Effects of road humps on residential living environment.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-545-9

- 2014 [A manual for data collection and analysis on traffic and transport sector for planning studios.](#) IIUM Press . ISBN 9789674183356
- 2013 [Urban traffic system.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-257-1
- 2009 [Telecommuting and transportation: relationship and implications.](#) IIUM Press . ISBN 9789675272073
- 2006 [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

Book Section

- 2015 [Stages in the transportation planning process.](#) **In: Malaysian Case Studies of Urban and Regional Planning** IIUM Press . ISBN 978-967-418-328-8 , pp.48-61
- 2015 [A study on factors influencing the use of motorcars among on-campus students in main campus of International Islamic University Malaysia.](#) **In: Malaysian Case Studies of Urban and Regional Planning** IIUM Press . ISBN 978-967-418-328-8 , pp.92-109
- 2015 [A study on factors influencing the use of motorcars among on-campus students in main campus of International Islamic University Malaysia.](#) **In: Malaysian Case Studies of Urban and Regional Planning** IIUM Press . ISBN 978-967-418-328-8 , pp.92-109
- 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
- 2011 [Assessing traffic management measures in the city roads of Kuala Lumpur.](#) **In: Planning Sustainable Cities in Malaysia - Issues and Challenges** IIUM Press . ISBN 978-967-418-047-8 , pp.44-51
- 2011 [A survey methodology on the measurement of traffic noise.](#) **In: Contemporary Research in Urban Planning** IIUM Press . ISBN 978-967-418-036-2 , pp.1-7