



Jezan Md Diah

(Assoc. Prof. Dr.)



positive attitude; independent; highly motivated; committed as a goal oriented person; very passionate for a well-executed job; team leader and excellent team player; high skill in performing multi-tasking and problem solving job/projects



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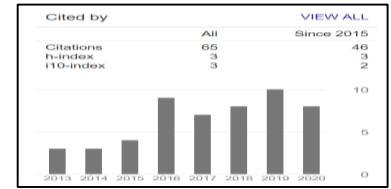
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Malaysia Institute of Transport (MiTRANS) / Faculty of Civil Engineering (FCE),
Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor Darul Ehsan



CURRICULUM VITAE

WORK EXPERIENCES

- Head of Consultancy**
Malaysia Institute of Transport (MiTRANS)
27 Jan. 2016 – Present
- Head of Public Transport Research and Sustainable Development Center**
Malaysia Institute of Transport (MiTRANS)
1 Sept. 2015 – 19 Jan. 2016
- Diploma and Francois Program Coordinator**
Faculty of Civil Engineering
1 August 2013 – 31 July 2015
- Head of i-Learn Unit (Faculty Level)**
Faculty of Civil Engineering
1 July 2012 – 31 July 2013
- Senior Lecturer**
Faculty of Civil Engineering
1 August. 2008 – 30 Jun 2012
- Lecturer**
Faculty of Civil Engineering
9 June 2003 – 31 July 2008
- Research Officer**
Malaysia Institute of Transport (MiTRANS)
2001 – 2002
- Project Engineer**
AM Rich Construction Sdn Bhd.
2000 – 2001
- Clerk of Work**
Lembah Beringin Sdn Bhd.
1997 – 1998
- Management Trainee**
Land and General Bhd.
1997 – 1998

AWARDS

- Win the Gold Rating Award (2015)**
in conjunction with the 2015 Mini Innovative and Creative Group Convention Mini UiTM Central Zone Level.
- Creation of Wudhuk Tools (2015)**
Win Gold Ratings in conjunction with the Mini Conventions of Innovative and Creative Group 2015 UiTM Central Zone Level (as a Head)
- Song Writing Innovation Match (2014)**
Winner of Contest for Contest of Song Innovation 2014 (as a Head)
- UiTM's Excellent Service Award (APC) (2012)**
for the Year 2012
- Receiving High Impact Journal of High Impact (2011):**
'Modeling the Relationship between Geometric and Weaving Section Flow Process of Conventional Roundabouts'
- Receiving the Best Paper of International Colloquium on Signal Processing and Its Application (CSPA 2011):**
'Relationship between Roadway Design (Geometric Parameters) and Flow Characteristics in Evaluating Performance of Conventional Roundabout'
- Receiving High Impact Journal of Incentives (2010):**
'Weaving Section Flow Model at the Weaving Area of Malaysian Conventional Roundabout'
- International Invention, Innovation & Technology Exhibition (ITEX 2010):**
Win the ITEX Silver Medal Award for KLCC's 21st
- 7th Invention, Innovation & Design (7th IID2010):**
'Certificate of Award Gold Medal for the project Merging Traffic System.' Dewan Sri Budiman & Annexe, UiTM Shah Alam, Selangor'

MOU / MOA

- Joint venture with SCANIA Company and KTH Royal Institute of Technology, Stockholm, Sweden (2016 – present)
- Joint venture with Malaysian Highway Authority (LLM) (2015 – present)

POST-GRADUATE STUDENTS

- 2 Ph.D Students (In progress), 1 Ph.D Student (Complete)
- 1 Master Students (In progress)
- 4 Master Students (Complete)

ACADEMIC QUALIFICATIONS

- Ph.D in Civil Engineering (2012)**
Universiti Teknologi MARA (UiTM) collaboration with KTH Royal Institute of Technology, Stockholm, Sweden
- M.Sc. Photogrammetry & Geoinformatics (2003)**
Stuttgart Technology University of Applied Sciences, Germany
- B.Eng. (Hons)(Civil) (2000)**
Universiti Teknologi MARA (UiTM) Malaysia
- Diploma in Civil Engineering (1996)**
Universiti Teknologi MARA (UiTM) Malaysia

RESEARCH

- FRGS, RMI, UiTM (2019 – 2022)**
Principal-Researcher, A Road Design Framework Model incorporating Road User Behaviors for Critical Road Networks. (RM94,900)
- Contract Research from SCANIA MALAYSIA SDN. BHD. (2016 – 2018)**
Principal-Researcher, Research on Pilot Study of High Capacity Buses in Malaysia PHASE 1. (RM51,858.89)
- Contract Research from MALAYSIAN HIGHWAY AUTHORITY. (2015 – 2018)**
Co-Researcher, Development of Toll Rates Decision Model for Highway. (RM232,788.72)
- Contract Research from PRASARANA MALAYSIA BHD. (2015 – 2017)**
Principal-Researcher, GSI Survey for Prasarana Group of Companies. (RM140,431.45)
- FRGS, RMI, UiTM (2014 – 2017)**
Co-Researcher, The Effect of Moisture Damage on the Water Sensitivity due to Moisture Damage of Warm Porous Asphalt Mix. (RM115,550)
- PRGS, RMI, UiTM (2012 – 2015)**
Co-Researcher, Development of Prototype for 3D User Interactive Ergonomic Highway Design and Performance Software. (RM386,000)
- ERGS, RMI, UiTM (2012 – 2014)**
Principal-Researcher, An Exploration of Driving Simulator towards Malaysian Driver Behaviour. (RM80,000)
- FRGS, RMI, UiTM (2012 – 2014)**
Co-Researcher, Axial Load and Road Condition Relationship Model. (RM80,000)
- Dana Kecemerlangan, RMI, UiTM (2011 – 2013)**
Co-Researcher, Visual Analysis of Pedestrian Movement: Using Tracking Technologies in Shopping Mall. (RM10,000)
- FRGS, RMI, UiTM (2010 – 2013)**
Principal-Researcher, Safety, Ergonomic and Effectiveness Evaluation of Speed Hump Design. (RM50,000)
- Dana Kecemerlangan, RMI, UiTM (2008 – 2010)**
Principal-Researcher, Exploration of Video Taping and Data Reduction at Weaving Section of Malaysian Conventional Roundabout in Shah Alam City. (RM10,000)

CONSULTATION / SERVICES

- UiTM Shah Alam (2019)**
Principal-Project, Parking Study in UiTM Shah Alam (RM25,000.00)
- Professional Services for SCANIA MALAYSIA SDN. BHD. (2018 – 2019)**
Co-Project, Research on Pilot Study of High Capacity Buses in Malaysia. PHASE 2. (RM63,857.71)
- Professional Services for KERETAPI TANAH MELAYU BERHAD (KTMB). (2018 – 2019)**
Co-Project, Track Access Capacity Across the KTMB Rail Network. (RM229,850.40)
- Professional Services for DEWAN BANDARAYA KUALA LUMPUR (DBKL). (2017)**
Internal Speaker of the Road Safety Audit Course-Preliminary Design and Project Development Planning. (RM4200)
- Professional Services for the INTERNATIONAL ENTREPRENEURIAL MINISTRY & INDUSTRY. (2016 – 2017)**
Member, Bumiputera Vendor Capacity Building Program by Technical Agency. (RM305,280.00)
- Professional Services for NEGERI SEMBILAN CEMENT INDUSTRIES SDN. BHD. (2015 – 2016)**
Member, Eco Driving and Safety Practices for Heavy Vehicle Drivers. (RM23,320.00)
- Appointment as Consultant for Project (2012):** Road Maintenance by Hand-On organized by UPEN in collaboration with JKR Selangor (RM1830)

PROFESSIONAL MEMBERSHIPS

- Ordinary Member (2017 - present)**
Malaysia Institute of Transport (MiTRANS)
- Ordinary Member (2007 - present)**
Road Engineering Association of Asia & Australasia (REAAA)
- Ordinary Member (2007 - present)**
Road Engineering Association of Malaysia (REAM)
- Associate Fellows (2004)**
Malaysia Institute of Transport (MiTRANS)
- Graduate Engineer (1996)**
Board of Engineers Malaysia (GE34357A)

SELECTED PUBLICATIONS

- Mohd Idrus Bin Mohd Masirin Lim Wei May, Raha Abd Rahman, Mohd Farid Hassin, **Jezan Md Diah**, Nordiana Mashros, Mohd Ezree Abdullah (2019) - An Overview of the Practice of Traffic Impact Assessment in Malaysia, **International Journal of Engineering and Advanced Technology (IJEAT)**, Vol.8, Issue 5C, pp. 914-921.
- Baharum S., Haron S., Ismail I. & **Md Diah J.** (2019) - Urban Bus Service Quality through Sustainable Assessment Model. ISSN: 2050-7399 **International Journal of Supply Chain Management (IJSCM)**, Vol. 8.
- Md Diah, J., Li Sian, T. and Roslee, F.** (2019). "An Overview of Lane Changing Model at Signalized Intersection." ISSN: 1675-7017, **Social and Management Research Journal**.
- Md Diah, J., Mohd Sharif, S., Wan Mohamed, W. M., Osman, M. S., Hamidun, N. Q. A.** (2017). "Long Bus Vehicle Rear Swing Out Impact Assessment Using On-Board Video Camera." ISSN: 2050-7399, **International Journal of Supply Chain Management (IJSCM)**, Vol. 6.
- Osmin, M. S., **Md Diah, J., Mohd Sharif, S.** (2017). "The Opportunities and Challenges Overview: Implementing Performance Based Standards Regulation for High Capacity Passenger Vehicle in Malaysia." **Journal of the Society of Automotive Engineers Malaysia (JSAEM)** (eISSN: 2550-2239 – Vol. 1, Issue 3, Sept. 2017.
- Khabori M.M., Elahizadeh, M., and **Md Diah, J.**, (2016). "Statistical Analysis of Two-lane Roundabout Data for Traffic Control Decision-Making in an Urban Area", **International Journal of Transportation Engineering**, Volume 4, issue 1, Summer 2016, pp. 27-39.
- Ahmad Kamil Arshad, **Md Diah J., Salah Khalil** (2013). "Modelling Workability of Asphalt concrete Performance at different Temperatures using A Statistical Model." **International Journal of Engineering & Technology (IJET)**.
- Md Diah, J., Ahmad, J., and Mukri, M.** (2012). "The Methodology on Statistical Analysis of Data Transformation for Model Development." **International Journal of Statistics and Applications. Scientific & Academic Publishing**. pp. 94-100.
- Zainuddin, I., Adnan, M.A., and **Md Diah, J.** (2012). "Optimization of Speed Hump Geometric Design: Case Study on Residential Streets in Malaysia." **Journal of Transportation Engineering**, March 2014 | Volume 140, Issue 3
- Abdul Hamid, N., Zainuddin, A., Sham, R., and **Md Diah, J.**, (2011). "Enhancing the Promotional Strategies of Park -and- Ride Schemes in Kuala Lumpur Conurbation: A Gap Analysis." **Journal of the Eastern Asia Society for Transportation Studies**, Vol.9, 2011.
- Md Diah, J., Abdul Rahman, M. Y., Adnan M. A., and Hooi Ling, K.**, (2011) "Modeling the Relationship between Geometric Design and Weaving Section Flow Process of Conventional Roundabouts." **Journal of Transportation Engineering**, Vol. 137, No. 12, December 1, 2011. ©ASCE, ISSN 0733-947X/.
- Md Diah J., Abdul Rahman M.Y, Adnan M.A and Atan I.** (2010), Weaving Section Flow Model at Weaving Area of Malaysian Conventional Roundabout, **Journal of Transportation Engineering**. August 2010. Volume 136, Number 8, Pg. 782-792. ISSN 0733-947X.

JOURNAL / PANEL REVIEWER

- Journal of Transportation Engineering (ASCE)
- MiTRANS Logistics and Transport International Conference (MLTIC 2016)
- Conference of Green Technology and Sustainable Development (GTSD 2018)
- International Conference on Advance in Civil and Environmental Engineering (ACEE 2015)