

CURCULUM VITAE



A. **PERSONAL DETAILS**

1. Name : Ts. Dr. Rusdi bin Rusli
2. Sex : Male
3. Office Address : Faculty of Civil Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
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5. E-mail : rusdirusli@uitm.edu.my

Google Scholar

<https://scholar.google.com/citations?user=iF4J89IAAAJ&hl=en>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=57193577588>

publons

<https://publons.com/researcher/1423279/rusdi-bin-rusli/>

B. **BRIEF PERSONAL HISTORY**

Rusdi bin Rusli is a senior lecturer at the Faculty of Engineering. He obtained his Bachelor's degree in Civil Engineering from Universiti Sains (USM) Malaysia in 1999. In 2002, he further his education at Kolej University Tun Hussein Onn Malaysia for his Master's degree in Technical and Vocational Education. He obtained a PhD in Civil Engineering (Road Safety) from Queensland University of Technology (QUT) in 2017. Before joining UiTM, he worked as a lecturer at Politeknik Kota Kinabalu from 2004 to 2014 and Politeknik Sultan Mizan Zainal Abidin from 2017 to 2020. He started his career at UiTM in 2021. Her research interest includes crash modelling, advance statistical analysis, traffic engineering, transportation, road safety, highway and road engineering.

C. **ACADEMIC QUALIFICATION**

No.	Name of Institution	Degree/Qualification	Date Awarded
1.	Queensland University of Technology (QUT)	Doctor of Philosophy in Civil Engineering – Road Safety	2017
2.	Kolej Universiti Tun Hussein Onn Malaysia (KUiTTHO)	Master of Technical and Vocational Education	2003
3.	Universiti Sains Malaysia (USM)	Bachelor of Engineering (Hons) Civil Engineering	2002

D. **WORKING EXPERIENCE**

No.	Position	Institution	Year
1.	Senior Lecturer	Faculty of Civil Engineering, Universiti Teknologi MARA, Shah Alam, Selangor	2021 - Present
2.	Senior Lecturer	Civil Engineering Department, Politeknik Sultan Mizan Zainal Abidin, Dungun, Terengganu, Malaysia	2017 to 2021
3.	PhD Student/ Research Assistant	Centre for Accident Research and Road Safety – Queensland (CARRS-Q)	2014 to 2017
4.	Lecturer	Civil Engineering Department, Politeknik Kota Kinabalu, Sabah, Malaysia	2008 to 2014
5.	Head of Unit and Lecturer	Maintenance Unit, Politeknik Kota Kinabalu, Sabah, Malaysia	2007 to 2008
6.	Lecturer	Civil Engineering Department, Politeknik Kota Kinabalu, Sabah, Malaysia	2005 to 2007
7.	Lecturer	Mathematics, Science and Computer Department, Politeknik Kota Kinabalu, Sabah, Malaysia	2004 to 2005

E. **PROFESSIONAL QUALIFICATIONS**

1. Professional Technologist, Malaysia Board of Technologists (MBOT) - Since 2018.
2. Consortium of Adolescent Road Safety. Member since 07 February 2018.
3. The Institute of Transportation Engineering (ITE). Member since 15 November 2017.
4. The Road Engineer Association Malaysia (REAM). Member since 4 March 2014.
5. The Road Engineer Association Australasia (REAAA). Member since 4 March 2014.
6. The Institution of Engineers (IEM), Malaysia. Graduate Member since 4 March 2013. G 58093 (CIVIL).
7. Board of Engineers Malaysia (BEM), Graduate Member since 10 Jun 2010.
Reg. No: 65423R

F. **AREA OF RESEARCH**

Crash Modelling, Advance Statistical Analysis, Traffic Engineering, Transportation, Road Safety, Highway and Road Engineering.

G. **PHD THESIS**

Traffic safety along rural mountainous highways in Malaysia (2017).

H. **AWARDS**

1. Silver Award in ASIA International Invention Exhibition 2020 (AIINEX 2020).
2. Leading Innovation Award in International Engineering Invention & Innovation Exhibition (i-ENVEX) 2014 by International Intellectual Property Network Forum.
3. Gold Price Medal in International Engineering Invention & Innovation Exhibition (i-ENVEX) 2014.
4. Excellent Service Award 2012 by Ministry of Higher Education (MOHE) Malaysia.

5. Staff Award (Academic Category) 2010 by Polytechnic of Kota Kinabalu, Sabah, Malaysia.
6. Certificate of Appreciation for Excellent Service in 2009 by Department of Polytechnic Education.
7. Certificate of Appreciation for Excellent Service in 2008 by Department of Polytechnic and Community College Education.
8. Excellent Service Award 2006 by Ministry of Higher Education (MOHE) Malaysia.

I. **PUBLICATION**

Journal Papers

1. Oviedo-Trespalacios, O., Çelik, A. K., Marti-Belda, A., Włodarczyk, A., Demant, D., Nguyen-Phuoc, D. Q., **Rusli, R.**,..., King, M. (2021). Alcohol-impaired Walking in 16 Countries: A Theory-Based Investigation. *Accident Analysis & Prevention*, 159, 106212. <https://doi.org/https://doi.org/10.1016/j.aap.2021.106212>.
2. **Rusli, R.**, Oviedo-Trespalacios, O., & Abd Salam, S. A. (2020). Risky riding behaviours among motorcyclists in Malaysia: A roadside survey. *Transportation Research Part F: Traffic Psychology and Behaviour*, 74, 446–457.
3. **Rusli, R.** (2020). Injury Severity among Young Drivers: A combination of Parametric and Non-parametric Analysis. *International Journal of Integrated Education, Engineering and Business*, 3(1), 20-30.
4. **Rusli, R.**, Masirin, M. I. M., & Hamid, N. A. (2020). Differences Level of Injury Severity for Male and Female Drivers in Traffic Crashes in Sabah. *International Journal of Road Safety*, 1(1), 35-41.
5. Hussin, H., **Rusli, R.**, & Wan Yunus, W. M. Z. (2020). Employer Satisfaction with Polytechnic Graduate: Comparison Between Industry Cluster. *International Journal of Integrated Education, Engineering and Business*, 3(1), 10-19.
6. **Rusli, R.**, Haque, M., Saifuzzaman, M., & King, M. (2018). Crash severity along rural mountainous highways in Malaysia: An application of a combined decision tree and logistic regression model. *Traffic Injury Prevention*, 1-25.
7. **Rusli, R.**, Haque, M. M., Afghari, A. P., & King, M. (2018). Applying a random parameters Negative Binomial Lindley model to examine multi-vehicle crashes along rural mountainous highways in Malaysia. *Accident Analysis & Prevention*, 119, 80-90.
8. **Rusli, R.**, Haque, M.M., King, M., & Wong, S.V. (2017). Single-Vehicle Crashes along Rural Mountainous Highways in Malaysia: An Application of Random Parameters Negative Binomial model. *Accident Analysis & Prevention*, 102, 153 – 164.

Conference Papers

1. **Rusli, R.**, & Hussain, N. (2019). The Effect of Personal and Social Factors on Risk-Taking Behaviour of Higher Education Students in The East Coast Region of Peninsular Malaysia. In The 9th National Conference in Education - Technical & Vocational Education and Training (CiE-TVET) 2019. 20th – 21st August 2019. Politeknik Banting, Selangor, Malaysia.
2. **Rusli, R.**, Ariffin, N.A. (2017). Kajian Tingkah Laku Pemanduan di Kalangan Pelajar Diploma Kejuruteraan Awam, Politeknik Sultan Mizan Zainal Abidin. In Malaysia TVET on Research via Exposition 2017. 13th – 14th November 2017. UiTM Hotel, Dungun, Terengganu, Malaysia.
3. **Rusli, R.**, Adinegoro, Y., Agustine, J., & Rizaldi, A., (2017). *Understanding the relationships between highways characteristics and single and multi-vehicle crashes towards the integration of ASEAN highway network in Indonesia and Malaysia*. In 15th REAAA Conference 2017. 21st – 23rd March 2017. Bali Nusa Dua Conference Centre, Bali, Indonesia.
4. **Rusli, R.**, Haque, M.M., King, M., & Wong, S.V. (2015). *A comparison of road traffic crashes along mountainous and non-mountainous roads in Sabah, Malaysia*. In Australasian Road Safety Conference 2015. 14th – 16th October 2015. Gold Coast Convention and Exhibition Centre, Gold Coast, Australia.
5. **Rusli, R.**, Haque, M.M., King, M., & Wong, S.V. (2015). *An Exploratory Analysis of Mountainous Road Crashes in Sabah, Malaysia*. In Malaysian Postgraduate Colloquium 2015. 19th – 20th December 2015. Melbourne, Australia.
6. **Rusli, R.**, Haque, M.M., King, M., & Wong, S.V. (2015). *A comparison of road traffic crashes along mountainous and non-mountainous roads in Sabah, Malaysia*. In Sabah Road Day 2016: Sustainable Road for Development. 5th – 6th April 2016. Kota Kinabalu, Sabah, Malaysia.
7. **Rusli, R.**, Izyani, B.F., Fatma, N.A. (2014). *Eco Friendly Light (EFL)*. In Colloquium on Civil Engineering. 11th March 2014. Politeknik Ungku Omar, Perak, Malaysia.
8. **Rusli, R.** (2013). *Penggunaan Facebook Sebagai Medium Kesedaran Keselamatan Lalulintas di kalangan Pelajar Semester 4, Diploma Kejuruteraan Awam, Politeknik Kota Kinabalu, Sabah*. In Conference in Education – Technical Vocational Education & Training (CIE-TVET 2013). September 2013. Permai Inn, Kuala Terengganu, Terengganu, Malaysia.
9. **Rusdi Rusli**, Nor Aziah Fatma Binti Abdul Ayah@ Abdul Aziz & Tuan Rakiza Binti Tuan Mahmud. *Cadangan Rekabentuk Persimpangan Utama Politeknik Kota Kinabalu, Sabah*. In Research and Innovation Seminar, Sabah Zone 2012. 27th September 2012. Politeknik Kota Kinabalu, Sabah, Malaysia.
10. **Rusdi Rusli**, Adrian Ang Bin Angkal, Nik Ahmad Farizan Bin Nik Lah & Raja Nadia Binti Raja Ahmad. *Programme Need Analysis: Wood Based Technology (DBK) offer at Politeknik Kota Kinabalu, Sabah, Malaysia*. In Research and Innovation Seminar, Sabah Zone 2012. 27th September 2012. Politeknik Kota Kinabalu, Sabah, Malaysia.