

## CURRICULUM VITAE



### A. **PERSONAL DETAILS**

1. Name : Dr. Norliana Sulaiman
2. Date of Birth : 13-12-1977
3. Sex : Female
4. Office Address : Faculty of Civil Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
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<https://scholar.google.com/citations?user=m9HpeHcAAAAJ&hl=en&oi=ao>



<https://prisma.uitm.edu.my/prisma/?doit=DirectoryStafByIdDetail&staffid=VmtaYVUyTnJNWEZXVkJaT1YcFdWbFpXVWtaTIZUbFNVRIF3UFE9PQ>

### B. **BRIEF PERSONAL HISTORY**

Norliana Sulaiman obtained her diploma and Bachelor's degree in Civil Engineering from Universiti Teknologi MARA (UiTM), Malaysia in 1998 and 2001 respectively. In 2006, she received a Master's degree in Geotechnical Engineering from Universiti Sains Malaysia. Subsequently, she obtained a PhD in Geotechnical & Geological Engineering from Universiti Putra Malaysia in 2018. She has been serving UiTM since October 2018 as a senior lecturer at the Faculty of Civil Engineering. Her research interest includes ground vibration from transportation, geotechnical and geological studies.

**C. ACADEMIC QUALIFICATION**

<b>No.</b>	<b>Name of Institution</b>	<b>Degree/Qualification</b>	<b>Date awarded</b>
1.	Universiti Putra Malaysia	PhD in Geotechnical & Geological Engineering	2018
2.	Universiti Sains Malaysia	MSc in Geotechnical Engineering	2006
3.	Universiti Teknologi MARA, Malaysia	Bachelor of Engineering (Hons.) Civil	2001
4.	Universiti Teknologi MARA, Malaysia	Diploma in Civil Engineering	1998

**D. WORKING EXPERIENCE**

1.	2018-Present	Senior lecturer, Faculty of Civil Engineering in Universiti Teknologi MARA (UiTM) – Teaching geotechnical engineering subjects such as geotechnique, geology engineering and supervising final year project students
2.	2006-2017	Lecturer, Faculty of Civil Engineering in Universiti Teknologi MARA (UiTM) – Teaching geotechnical engineering subjects such as geotechnique, geology engineering, traffic & highway engineering laboratory and supervising final year project students
3.	2001-2002	Contract Lecturer, UiTM Jengka Pahang

**E. PROFESSIONAL QUALIFICATIONS**

1. Graduate Engineer, Board of Engineers Malaysia (BEM) - Since 2001
2. Graduate Member, The Institution of Engineers Malaysia (IEM) - Since 2001

**F. AREA OF RESEARCH**

Ground vibration from transportation, geotechnical and geological engi

**G. PHD THESIS**

Development of Empirical Model for Ground-Borne Vibration from Road Traffic (2018)

## H. RESEARCH GRANTS

1. DEVELOPING AN ALGORITHM MODEL OF STOPPING SIGHT DISTANCE (SSD), PERCEPTION REACTION TIME (PRT), MANEUVERABILITY TIME (MT) WITH REGARD OF DYNAMIC VISUAL ACUITY AND ILLUMINANCE.  
**600-IRMI/FRGS 5/3 (008/2019)(Member)**
2. EXPLORATION OF 85TH PERCENTILE OPERATING SPEED MODEL WITH REGARD TO INTERIOR AND EXTERIOR LIGHTING CONDITION.  
**600-IRMI/MYRA 5/3/MITRA (007/2017)-1(Member)**
3. A GEO-ENVIRONMENTAL STUDY FOR THE SUSTAINABLE DEVELOPMENT; A CASE STUDY IN MALAYSIA RURAL AREA FOR HIGHWAY ROUTE SELECTION.  
**600-RMI/DANA 5/3/RIF (72/2012)(Principle Investigator)**
4. DEVELOPMENT OF PROTOTYPE FOR 3D USER INTERACTIVE ERGONOMIC HIGHWAY DESIGN AND PERFORMANCE SOFTWARE.  
**600-RMI/PRGS 5/3 (1/2012)(Member)**
5. DEVELOPMENT OF NEW DESIGN APPROACH INCORPORATING ERGONOMICS ELEMENTS TOWARDS CONSISTENCY IN GEOMETRIC DESIGN BASED ON MALAYSIAN TWO-LANES RURAL HIGHWAYS.  
**600-RMI/ST/FRGS 5/3/Fst (33/2008)(Member)**

## I. PUBLICATION

**Sulaiman, N.** (2016). Critical Review of Ground-Borne Vibration and Impact Assessment: Principles, Measurement and Modelling. *Pertanika Journal of Scholarly Research Reviews*, 2(1).

Adnan, M. A., **Sulaiman, N.**, Zainuddin, N. I., & Besar, T. B. H. T. (2013, April). Vehicle speed measurement technique using various speed detection instrumentation. In *2013 IEEE Business Engineering and Industrial Applications Colloquium (BEIAC)* (pp. 668-672). IEEE.

Adnan, M. A., **Sulaiman, N.**, Mohamud, I. & Kim Huat, B.(2013).Relationship Of Ground Borne Vibration With Moving Vehicles Traffic Parameter: A Case Study In Marang Terengganu. IEEE, PULLMAN HOTEL KUCHING.

Adnan, M. A., **Sulaiman, N.**, Mohd Zainun, F.A. & Kim Huat, B.(2013). Investigation Of Ground Borne Vibration Due To Road Traffic Parameter: A Case Study At Lenggong Perak.IEEE,PULLMAN HOTEL KUCHING

Adnan, M. A., Adnan, N. H., & **Sulaiman, N.** (2012, December). Visual field monitoring of road defect and modeling of pavement road vibration from moving truck traffic. In *2012 IEEE Colloquium on Humanities, Science and Engineering (CHUSER)* (pp. 826-831). IEEE.