

CURRICULUM VITAE



A. **PERSONAL DETAILS**

1. Name : Mazlina Mohamad
2. Office Address : Faculty of Civil Engineering, Universiti
Teknologi MARA, 40450 Shah Alam, Selangor,
Malaysia
3. Tel. : (+60) 03-55435244
4. E-mail : mazlina9090@salam.uitm.edu.my
5. Current position : Senior Lecturer



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taffid=Vmtaa2QxZHJOVIZXVkZaT1IYcEdSbGxVVG1wTIZUbFNVRF3U
FE9PQ](http://prisma.uitm.edu.my/prisma/?doit=DirectoryStafByIdDetail&taffid=Vmtaa2QxZHJOVIZXVkZaT1IYcEdSbGxVVG1wTIZUbFNVRF3UFE9PQ)



B. **BRIEF PERSONAL HISTORY**

Mazlina Mohamad obtained her diploma and Bachelor's degree in Civil Engineering from Universiti Teknologi MARA (UiTM), Malaysia in 2005 and 2008 respectively. In 2009, she received a Master's degree in Civil Engineering (Structures) from the same university, Universiti Teknologi MARA (UiTM), Malaysia. She has been serving UiTM since December 2009 as a lecturer and as senior lecturer since September 2017 at the Faculty of Civil Engineering. Her research interest includes materials, earthquake engineering, structural engineering and offshore engineering.

C. **ACADEMIC QUALIFICATION**

No.	Name of Institution	Degree/Qualification	Date awarded
1.	Universiti Teknologi MARA, Malaysia	M.Sc in Civil Engineering (Structures)	2009
2.	Universiti Teknologi MARA, Malaysia	Bachelor of Engineering (Hons.) in Civil	2008
3.	Universiti Teknologi MARA, Malaysia	Diploma in Civil Engineering	2005

D. **WORKING EXPERIENCE**

1.	2017-Present	Senior lecturer, Faculty of Civil Engineering in Universiti Teknologi MARA (UiTM) - Teaching structural engineering subjects such as determinate structures, statics and dynamics, numerical analysis and finite element methods and supervising final year project students.
2.	2009-2017	Lecturer, Faculty of Civil Engineering in Universiti Teknologi MARA (UiTM) - Teaching structural engineering subjects such as statics and dynamics, basic timber and steel design, reinforced concrete design to EC2, numerical analysis and finite element methods and and supervising final year project students.

E. **PROFESSIONAL QUALIFICATIONS**

Graduate Engineer, Board of Engineers Malaysia (BEM) - Since 2009

F. **AREA OF INTEREST**

Earthquake Engineering, Offshore Engineering, Material and Structural Engineering

G. **RESEARCH GRANTS**

1. Earthquake Response of Multi-Panel Wall Using Virtual Work Principle (RAGS)(KPT), MYR 80,000, from year 2014-2016. (Leader)
2. Glass Fibre Reinforced Polymer (GFRP) As an Advanced Material in Glulam Timber Joints Applications (KPT), MYR 80,000, from year 2012-2015. (Team Member)

3. Development of Low Carbon and Sustainable Building Block Utilising Oil Palm Trunk Fiber (Dana Kecemerlangan, UiTM), MYR 9,000, from year 2011-2013. (Leader)

H. **PUBLICATION**

Journal

1. Mohamad, M; Liew, M. S; Danyaro, K. U; Lim, E. S. (2017) Implementation of Attenuation Equations for Seismic Hazard Assessment in Malaysian Water. *Advanced Science Letters*, Volume 23, Number 2, February 2017, pp. 1361-1365(5). DOI: <https://doi.org/10.1166/asl.2017.8373>
2. Liew, M. S; Danyaro, K. U; Mohamad, M; Lim, E. S.; Aulov, A. (2017) Ground Motion Prediction Equations for Malaysia due to Subduction Zone Earthquakes in Sumatran Region. Article in *IEEE Access* PP(99):1-1 · September 2017. DOI: 10.1109/ACCESS.2017.2748360
3. Mohd Fadzil Bin Arshad, Mohd Hisbany Bin Mohd Hashim, Mazlina Binti Mohamad, Norazlan Bin Khalid, Ahmad Ruslan Bin Mohd Ridzuan, Mohd Haziman Bin Wan Ibrahim (2012) The Workability Properties Of Concrete Containing Recycle Fine Aggregate From Waste Cement Brick, *International Journal Of Engineering And Technology (ijet)*, Federation of Engineering Institutions of Islamic Countries, Pageno : 94-101, vol : 9, issues : 2

Conference and Proceedings

1. M Mazlina, M S Liew, A Adnan, I S H Harahap and N A Hamid (2018), Determination of Shear Wave Velocity in Offshore Terengganu for Ground Response Analysis, *Proceeding of 4th International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2017)*, IOP Conf. Series: Earth and Environmental Science 140 (2018) 012069. DOI :10.1088/1755-1315/140/1/012069
2. Nor Hayati Bt Abdul Hamid @ Zulkurnail, Shamilah Anudai Anuar, Mazlina Binti Mohamad (2017), Seismic Performance Of Unrepaired And Repaired Tunnel Form Building Under In-plane And Out-of-plane Lateral Cyclic Loading. *International Civil and Infrastructure Engineering Conference (InCIEC)*, IIESM and UNNES, Hotel Gracia, Semarang, Indonesia.
3. Nor Hayati Bt Abdul Hamid @ Zulkurnail, Nur Farhana Hadi, Mazlina Binti Mohamad (2017), Validation Between Experimental And Modelled Hysteresis Loops Of Corner Beam-column Joint Using Hysteres Program. *International Civil and Infrastructure Engineering Conference (InCIEC)*, IIESM and UNNES, Hotel Gracia, Semarang, Indonesia.

4. Mazlina Binti Mohamad, Nor Hayati Bt Abdul Hamid @ Zulkurnail, M.S. Liew, (2017), Ground Response Analysis In Offshore Terengganu. International Civil and Infrastructure Engineering Conference (InCIEC), IIESM and UNNES, Hotel Gracia, Semarang, Indonesia.
5. Nor Hayati Bt Abdul Hamid @ Zulkurnail, Mazlina Binti Mohamad, A.Azmi, M.I. Adiyanto, M. Mohamed (2016), Seismic Behaviour Of Two-bay Two-storey Rc Frame Under In-plane Lateral Cyclic Loading, Proceeding of International Conference on Concrete Engineering and Technology (CONCET2016), UiTM, IEM, UM, Hotel UiTM, Shah Alam, Selangor
6. Nor Hayati Bt Abdul Hamid @ Zulkurnail, Mazlina Binti Mohamad, Nurain Rashidin, Taksiah A.Majid, Irwan Adiyanto (2015) Stiffness and Ductility of Single Bay Double Storey Rc Frame Designed Along to Eurocode 8 under In-plane Lateral Cyclic Loading, Proceeding of 5th International Symposium on Technology for Sustainability (ISTS 2015),UiTM, KOSEN, National Insitiute of Technology, Japan,Dewan Annex, Universiti Teknology MARA, Shah Alam, Selangor.
7. Nor Hayati Bt Abdul Hamid @ Zulkurnail, Mazlina Binti Mohamad, Nur Rusydiana Rusdin, Taksiah A.Majid, Irwan Adiyanto (2015) Hysteresis Loops and Equivalent Viscous Damping of Single Bay Double Storey of Rc Frame Subjected to In-plane Lateral Cyclic Loading, Proceeding of 5th International Symposium on Technology for Sustainability (ISTS 2015),UiTM, KOSEN, National Insitiute of Technology, Japan,Dewan Annex, Universiti Teknology MARA, Shah Alam, Selangor.
8. Mohd Fadzil Bin Arshad, Mazlina Binti Mohamad (2014) Strength of Various Densities of Lightweight Coir Fiber Concrete Containing Protein and Synthetic Foam, Proceedings of International Civil and Infrastructure Engineering Conference 2014 (InCIEC), IIESM and FKA, Kota Kinabalu, Sabah.