

## CURRICULUM VITAE



### A. **PERSONAL DETAILS**

Name : Dr. Mazidah Mukri  
Office Address : Faculty of Civil Engineering, Universiti  
Teknologi MARA, 40450 Shah Alam, Selangor,  
Malaysia  
Tel. : (+60) 03-55436411  
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Current position : Koordinator Program Setara Sepenuh Masa  
(SSM)





<http://prisma.uitm.edu.my/prisma/?doit=DirectoryStafByIdDetail&stafid=VmtaYVUxWnRWa1ZXVkZaT1IYcEZNbFZzVWtaTIZUbFNVRIF3UFE9PQ>



<https://www.scopus.com/authid/detail.uri?authorId=23493045800>

### B. **ACADEMIC QUALIFICATION**

- DIPLOMA IN CIVIL ENGINEERING 1996
- BSc IN CIVIL ENGINEERING, 1999
- MSc IN CIVIL ENGINEERING, 2003
- PhD in CIVIL ENGINEERING (Geoenvironmental), 2011

C. **WORKING EXPERIENCE**

- Lecturer 1999 – 2006 Faculty Of Civil Engineering  
Universiti Teknologi Mara (UiTM) Shah Alam, Selangor
- Senior lecturer 2006- present Faculty Of Civil Engineering  
Universiti Teknologi Mara (UiTM) Shah Alam, Selangor
- Head of Internal Audit, Faculty of Civil Engineering- 2012-  
2018
- Auditor of Institute of Quality and Knowledge Advancement  
(InQKA), UiTM, 2013-present
- Koordinator Diploma of Civil Engineering Programme, FCE,  
UiTM 2003-2005, 2013 – present (Incharge in curriculum  
review for Diploma of Civil Engineering and applied for ETAC  
for Four (4) branches)
- External Examiner Linton College – 2017-2019
- External Examiner Pertama College – 2017-2019
- External Examiner Segi College – 2017-2019

D. **AREA OF EXPERTISE**

**RESEARCH**

Soil Physical Properties, Compaction characteristic and  
Modeling, hydraulic conductivity, Flexible wall Permeameter,  
soil liner, leachate, soil improvement

**P&P**

SLT, PO measurement

E. **PROCEEDING**

Che Azmi N. A., Jamal S. N., Mukri M., Zainuddin A. N. & Che Lat D. 2015.  
"Compaction Characteristics And Permeability Performance Of Kaolinite  
Clay With Various Additives As A Soil Liner Development". International  
Conference on Engineering and Applied Sciences (ICEAS 2015) at Jakarta,  
Indonesia on 18th-19th December 2015.

F Ismail, M Mukri, M Mohamed., 2006. A Study On The Mechanism Of  
Internal Erosion For Predicting Soil Slope Instability In Uitm Shah Alam  
Campus. Institute Of Research, Development And Commercialization,  
Universiti Teknologi MARA.

Faizah Kamaruddin, Mazidah Mukri, Norazlan Khalid,. 2016. Settlement  
Distribution on Reinforced Soft Soil By Rowe Cell Test. AN international  
Multi-disciplinary Graduate Conference 2016. November 2016. Taman  
Tamadun Islam, Kuala Terengganu, Terengganu Malaysia.

Ismail., F, Mukri., M, and Mohamed., Z. (2007). Assessment Of Soil  
Dispersibility Behaviour In-Relation To Soil Internal Erosion Resistance.  
Science and Social Research Conference (CSSR ) Universiti Teknologi  
MARA, Selangor Malaysia

Khalid A., Mukri M., Awang H., Kamarudin F., Abdul Ghani A. Ha. & Hashim S. "Compaction Characteristics Of Banting Soft Soil Subgrade Stabilized Using Waste Paper Sludge Ash (WPSA)". International Conference On Advanced Science, Engineering And Technology (ICASET) 2015: Advanced Science, Technology and Engineering: Lighting the Way Towards Sustainable Future. Penang, Malaysia 21st – 22nd Dec 2015

Khalid, M Mukri, H Awang, F Kamarudin, AHA Ghani, S Hashim., 2016. Compaction Characteristics Of Banting Soft Soil Subgrade Stabilized Using Waste Paper Sludge Ash (WPSA). AIP Conference Proceedings 1774 (1), 030008

M Mukri, F Ismail, Z Mohamed., 2012. The Correlation Between Internal Erosion Resistances With The Hydraulic Conductivity Of Residual Soil. Business, Engineering And Industrial Applications (ISBEIA), 2012 IEEE

M Mukri, RZ Abidin., 2005. Evaluation Of Soil Erosion Features And" ROM" Scale Profile Along The North-South Expressway (Bukit Kayu Hitam-Johor Bahru). Institute Of Research, Development And Commercialization, Universiti Teknologi MARA

Mazidah Mukri, Fauzilah Ismal, Zainab Mohammad (2012). The Correlation Between Internal Erosion Resistances With The Hydraulic Conductivity Of Residual Soil. IEEE, IsBEA Bandung

Mukri M. & Nik Ab Aziz N. N. S. 2015. "The Influence Of Geopolymer For Laterite Soil With Different Compaction Effort As A Soil Liner". International Conference on Engineering and Applied Sciences (ICEAS 2015) at Jakarta, Indonesia on 18th-19th December 2015.

Mukri, M., Hashim, S., Taha, M. R. (2007). Ciri-Ciri Keberalihan Hidraulik Bagi Tanah Baki Malaysia Termampat. Postgraduate Seminar Faculty Of Engineering, Universiti Kebangsaan Malaysia, (Esset) Bangi.

Mukri, M., Hashim, S., Taha, M. R. (2008). Estimating Hydraulic Conductivity Of Malaysia Residual Soil Designed For Compacted Clay Liner. Book of Abstract: *International Seminar on Civil & Infrastructure Engineering ISCIE 2008*. ISBN 978-983-9414-84-4

Mukri, M., Azmi, A., Hashim, S., Aziz, S, Ahmad. F.H & Khalid, N . "The Study Of Interface Shear Strength Between Geotextile And Soil Liner Containing Different Percentage Of Sodium Bentonite". TheInternational Civil And Infrastructuye Enguneering Comference (InCIEC 2014 28 sept – 1 Oct 2014), Sutra Harber Resort Kota Kinabalu Sabah. Publisher, Springer.

Mukri, M., Ismail, F. and Mohamed, Z. The Correlation Between Internal Erosion Resistances With The Hydraulic Conductivity Of Residual Soil. ISBEIA 2012 (2012 IEEE symposium on Business, Engineering & Industrial Application. Bandung, Indonesia. 23- 26 Sept 2012.

Mukri., M, Ismail., F, Mohamed., Z , and Taha, M. R.. (2007). A Study On The Correlation Between Internal Erosion Resistance To The Hydraulic

Conductivity Of Residual Soil. World Engineering Congress, Penang, Malaysia.

N Khalid, M Mukri, F Kamarudin, AHA Ghani, MF Arshad, F Baharudin., 2015. SOFT Soil Subgrade Stabilization Using Waste Paper Sludge Ash (WPSA) Mixtures. Inciec 2014, 439-446

N Khalid, M Mukri, F Kamarudin, AHA Ghani, MF Arshad, N Sidek., 2015. Effect Of Nanoclay In Soft Soil Stabilization. Inciec 2014, 905-914

N Khalid, M Mukri, F Kamarudin, N Sidek, MF Arshad . Strength Of Soft Soil Stabilized Using Lime-POFA Mixtures. Inciec 2013, 501-510

Nik Aziz N. N. S & Mukri M. 2016. The Effect Of Geopolymer To The Compaction Parameter Of Laterite Soil. Middle East Journal Of Scientific Research (MEJSR). Issn 1990-9233

Norazlan Khalid, Mazidah Mukri, Faizah Kamarudin., 2013. The SRS-A Polymer Stabilizer Stabilized Clay Soil. International Civil and Infrastructure Engineering 2013 (InCIEC)

Norazlan Khalid, Norbaya Sidek, Mazidah Mukri, Faizah Kamarudin and Mohd Fadzil Arshad (2012). The Potential Of coal Bottom Ash As Additives In Road Sub-Base Aggregate. The 8th Asia Pasific Structural Engineering and Construction Conference (APSEC 2012) and 1st International Conference on Civil Engineering Research (ICCER 2012), 2-4 October 2012, Surabaya Indonesia.

Norazlan Khalid, Norbaya Sidek, Mazidah Mukri, Faizah Kamarudin and Mohd Fadzil Arshad, and Shaharin Hamid (2012). The laboratory Studies On California Bearing Ratio (CBR) Value For Clay Soil Stabilized With Waste Paper Sludge Ash (WPSA). The 11th International Conference On Concrete Engineering and Technologies (CONCET 2012), pp421-427, 12-13 June 2012, Putrajaya, Malaysia. (ISBN 978-967-0380-12-4).

Norazlan Khalid, Norbaya Sidek, Mazidah Mukri, Faizah Kamarudin and Mohd Fadzil Arshad (2012). The Potential Of coal Bottom Ash As Additives In Road Sub-Base Aggregate. The 8th Asia Pasific Structural Engineering and Construction Conference (APSEC 2012) and 1st International Conference on Civil Engineering Research (ICCER 2012), 2-4 October 2012, Surabaya Indonesia.

Nur Aisyah Kassim, nor Azizah Che Azmi, Mazidah Mukri, Siti Nur Aisyah Mohd Noor. 2016. Effect on physical properties of laterite soil with different percentage sodium bentonite. 2nd International Conference on Applied Physics and Engineering (ICAPE). 2- 3 November, Park Royal Resort.

W Tahir, J Jani, IR Endut, M Mukri, NE Kordi, NEM Ali., 2016. Flood Disaster Management In Malaysia: Standard Operating Procedures (Sops) Review. ISFRAM 2015, 31-43

ZA Roslan, M Mazidah., 2002. Establishment Of Soil Erosion Scale With Regards To Soil Grading Characteristic. 2nd World Engineering Congress, Sarawak, Malaysia, 235-239

Zainal, R. A & Mukri, M., (2003) " Establishment Of Soil Erosion Grading Characteristics" G Scale With Regards To

Zainuddin A. N., Jamal S. N., Mukri M., Che Azmi N. A. & Che Lat D. "Study Of Nano Koalinite As Additives In Kaolinite Clay To Develop New Clay Liner Design". International Conference on Engineering and Applied Sciences (ICEAS 2015) at Jakarta, Indonesia on 18th-19th December 2015.

Zakiah, Nur Aisyah Kassim, Mazidah Mukri. 2016. Prediction of settlement by using finite element simulation 2Dprogram at seksyen 7, Shah alam. 2nd International Conference on Applied Physics and Engineering (ICAPE). 2- 3 November, Park Royal Resort.

F. **PUBLICATION IN BOOK**

Mukri, M., Hashim, S., Taha, M. R. (2008). Estimating Hydraulic Conductivity Of Malaysia Residual Soil Designed For Compacted Clay Liner. Book of Abstract: International Seminar on Civil & Infrastructure Engineering ISCIE 2008.ISBN 978-983-9414-84-4

Mukri, M., Azmi, A., Hashim, S., Aziz, S, Ahmad. F.H & Khalid, N . "The Study Of Interface Shear Strength Between Geotextile And Soil Liner Containing Different Percentage Of Sodium Bentonite". TheInternational Civil And Infrastrucrtye Enguneering Comference (InCIEC 2014 28 sept - 1 Oct 2014), Sutra Harber Resort Kota Kinabalu Sabah. Publisher, Springer

Norazlan Khalid, Norbaya Sidek, Mazidah Mukri, Faizah Kamarudin and Mohd Fadzil Arshad, and Shaharin Hamid (2012). The laboratory Studies On California Bearing Ratio (CBR) Value For Clay Soil Stabilized With Waste Paper Sludge Ash (WPSA). The 11th International Conference On Concrete Engineering and Technologies (CONCET 2012), pp421-427, 12-13 June 2012, Putrajaya, Malaysia. (ISBN 978-967-0380-12-4).

G. **ACHIEVEMENTS**

TITLE	AWARD/ORGANISATION
ROM Scale Patent (Mengukur tahap risiko tanah runtuh)	P120023301
Pertandingan Rekacipta di Geneva, Emas dengan kepujian "Soil Erosion Scale With Regard to	Emas dengan Kepujian Geneva, SwitchZealand

Grading Characteristic"	
"ROM" Scale for prediction of soil erosion risk: Rekacipta, Expo Science & teknologi	Pingat perak , PWTC.
CBA Additives in Malaysia Road Sub-base (Category Idea)	1st Prize Ekspo Keusahawanan Kejuruteraan
OBE-PO Triang 3Cs Moodel For Civil Engineering Programme Using Culminating, consolidation & inter-Linking Courses	Gold medal iidex 2017, 25-28 Sept 2017
Exzy SLT	Bronze iidex 2017, 25-28 Sept 2017
Wasiat Wida	Silver medal iidex 2017, 25-28 Sept 2017
The Benefit of Sodium Bentonite Caly in Landfill Liner	Gold International Invention, Innovation & Tech design Competition, ITeC 2018

#### H. **RESEARCH AND CONSULTANCY**

Year	Title	Sponsor
2000	Establishment of Soil Erosion Scale With Regards to Soil Grading Characteristic	BRC RM 20,000
2003	Establishment of Soil Erodibility Profile Along North-South Expressway(PLUS) with Regards to "ROM" Scale. (Phase 1 – Kuala Lumpur-Bukit Kayu Hitam)	BRC RM 16,000.00
2004	Establishment of Soil Erodibility Profile Along North-South Expressway(PLUS) with Regards to "ROM" Scale. (Phase 2 – Kuala Lumpur-Johor Bahru)	BRC RM 16,000.00
	Hydraulic Conductivity	
2014-2016	Study Properties Of Nano Kaolinite In Develop New Clay Liner Design	IRAGS 20000
2014	Investigation Of Interface Shear Strength For The Clay Liner With Admixture And The	RIF RM32000

	Geosynthetic	
2015-2016	Transferring Sustainable Science And Technology Knowledge For Fostering Innovation In Rural Areas School	KTP RM150000
2012-2013	Utilisation Of Water Treatment Residue /Sludge To Produce Wastewater Reclamation And Reuse.	RM32000
2014-2016	Plasticity, Compaction And Strength Behavior Of Cemented Peat With Fly Ash And Activated Carbon	RAG/1/2014/TK08/UiTM/1 RM80000
2015-2017	The Study Of Interface Shear Strength Between Geotextile And Soil Liner Containing With Different Percentage Of Sodium The Study Of Interface Shear Strength Between Geotextile And Soil Liner Containing With Different Percentage Of Sodium	Ref: RAGS/1/2014/TK02/UITM//20) RM80000
2015-2016	Governance For Disaster Risk Reduction: A Holistic Flood Risk Management System (Hfrm) For Malaysia	(600-RMI/FRGS DIS 5/3 (6/2015) FRGS RM48700
2016-2018	Particle Bonding Theory of Liquid Sludge through Electrostatic Interaction by Waste Paper Sludge Ash (WPSA)	FRGS 2016-1
2018-2019	Nano Material in Develop New designof Landfill Liner System	BESTARI PERDANA RM25000 600-IRMI/DANA 5/3 BESTARI(P)(084/2018)

## I. **EXPERIENCE OF AUDIT**

### **Internal Audit**

<b>No</b>	<b>Audit date</b>	<b>TERMS AUDITED</b>
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1	19-20 Sept 2012	Audit course file Program Ijazah Sarjana Muda & Sarjana (Mac-Julai 2012), FCE, UiTM, Shah Alam
2	2-4 Julai 13	Audit Lab, FCE, UiTM, Shah Alam
3	14-15 Mac 2013	Audit course file Program Ijazah Sarjana Muda & Sarjana (Sep 12- Jan 13), FCE, UiTM, Shah Alam
4	23-25 Julai 13	Audit Quality Manual, FCE, UiTM, Shah Alam
5	22 Oktober 13	Audit MQA first cycle
6	30-31 Julai 2013	Audit course file Program Ijazah Sarjana Muda & Sarjana (Mac-Julai 2013), FCE, UiTM, Shah Alam
7	29-30 Jan 2014	Audit course file Program Ijazah Sarjana Muda & Sarjana (Sep 13- Jan 14), FCE, UiTM, Shah Alam
8	3-Feb-14	Audit Manual & prosedur kualiti
9	8-9 Mei 14	Audit Lab, FCE, UiTM, Shah Alam
10	3-4 Sept 2014	Audit course file Program Ijazah Sarjana Muda & Sarjana (Mac-Julai 2014), FCE, UiTM, Shah Alam
11	26-27 Mac 2015	Audit course file Program Ijazah Sarjana Muda & Sarjana (sept 2014 - Jan 2015), FCE, UiTM, Shah Alam
12	1-2 April 2015	Audit Lab ( Item D and E), FCE, UiTM, Shah Alam
13	24-26 Jun 2015	Audit Academic Procedure ( <i>Prosedur Penyediaan Kertas Soalan Peperiksaan Akhir</i> ), FCE, UiTM, Shah Alam
14	29-30 Julai 2015	Audit course file Program Ijazah Sarjana Muda & Sarjana (sept 2014 - Jan 2015), FCE, UiTM, Shah Alam
15	19-20 Nov2015	Audit Lab ( Item D & F), FCE, UiTM, Shah Alam
16	16-18 Dis 2015	Audit <i>Prosedur Wajib (Prosedur Aduan Maklumbalas Pelanggan)</i> , FCE, UiTM, Shah Alam
17	27-28 Jan 2016	Audit course file Program Ijazah Sarjana Muda & Sarjana (Sep 13- Jan 14), FCE, UiTM, Shah Alam



18	17-19 Feb 2016	Audit <i>Prosedur Pengurusan (Prosedur Pengurusan Latihan )</i> , FCE, UiTM, Shah Alam
19	13-15 April 2016	Audit <i>Prosedur Wajib (Prosedur MKSP)</i> , FCE, UiTM, Shah Alam
20	1 -2 April 2016	Audit Lab (Health and Safety), FCE, UiTM, Shah Alam
21	21-22 Ogos 2016	Audit Integrasi SSR, COPIA dan EAC (AREA 1, AREA2 dan AREA 3 ), FCE, UiTM, Shah Alam
22	29-30 Sept 2016	Audit course file Program Ijazah Sarjana Muda & Sarjana (Mac-Julai 2016), FCE, UiTM, Shah Alam
23	25 Oktober 2016	Audit Lab ( <i>Susulan Keselamatan dan kesihatan Makmal</i> ), FCE, UiTM, Shah Alam
24	28-30 Dis 2016	Audit <i>Prosedur Akademik (Prosedur Pengendalian dan Penilaian Projek Tahun Akhir)</i> , FCE, UiTM, Shah Alam
25	8-9 Feb 2017	Audit <i>Prosedur- Penambahbaikan (Prosedur Pengendalian dan Penilaian Projek Tahun Akhir)</i> , FCE, UiTM, Shah Alam
26	22-23 Mac 2017	Audit course file Program Ijazah Sarjana Muda & Sarjana (Sep 16- Jan 17), FCE, UiTM, Shah Alam

27	18-19 Mei 2017	Audit Lab (ISO). Lab Rock and Concrete, FCE, UiTM, Shah Alam
28	12-13 July 2017	Audit Manual Quality ( <i>Prosedur Pengurusan</i> ), FCE, UiTM, Shah Alam
29	20-21 Ogos 2017	Audit course file Program Ijazah Sarjana Muda & Sarjana (Mac-Julai 2016), FCE, UiTM, Shah Alam
30	1-2 Nov 2017	Audit Manual Quality ( <i>Prosedur Pengurusan</i> ), FCE, UiTM, Shah Alam

## External Audit

No	AUDIT DATE	TERMS AUDITED
1	Feb 2013	Audit InQka for Faculty of Electrical Engineering, UiTM, Shah Alam
2	2-4 Oktober 13	Audit Program Diploma Di UiTM Sarawak
3	Nov 13	Audit InQka for Faculty of Applied Science, UiTM, Shah Alam
4	26-28 Feb 2014	Audit Program Diploma Di UiTM Pulau Pinang
5	2-3 Jun 2014	Audit InQka for Faculty of Bussiness Study, UiTM, Shah Alam
6	19-21 Ogos 2014	Audit Program Diploma Di UiTM KPTM, Kuantan
7	Oct 2015	Audit InQka for Faculty of Science & Mathematic, UiTM, Shah Alam
8	9-11 Feb 2015	Audit Program Diploma Di UiTM Pasir Gudang
9	29-30 Julai 2015	Audit course file Program Ijazah Sarjana Muda & Sarjana (sept 2014 - Jan 2015), FCE, UiTM, Shah Alam
10	18-20 Ogos 2015	Audit Program Diploma Di UiTM Jengka
11	8-10 Mac 2016	Audit Program Diploma Di UiTM Sarawak
12	20-22 Sept 2016	Audit Program Diploma Di UiTM Pasir Gudang
13	31 Oct 16	Audit InQka for Faculty of Architecture, UiTM, Shah Alam
14	14-16 Mac 2017	Audit Program Diploma Di UiTM Jengka
15	17-19 Okt 2017	Audit Program Diploma Di UiTM Pulau Pinang

### J. AUDIT WORKSHOP ATTENDED

- 1) External Review Training 12-14 July 2011
- 2) Audit ISO Course By SIRIM - Mach 2013
- 3) Training Of Trainers (TOT) For Course Editing (AKARI Document), 25-26 November 2014
- 4) 1-Day Workshop On Complex Problem Solving. 15 March 2014
- 5) Operational Excellent Through Process Improvement Couse – 28-29 Sept 2016
- 6) Curriculum Review For Diploma In Civil Engineering (facilitator) – Oct 16
- 7) Introduction To ISO 9001:2015 Course, 18 July 2017
- 8) Internal Audit In ISO 9001:2015 Course, 25 – 26 July 2017
- 9) ETAC Roadshow 2017, 15 August 2017

10) ETAC Course For Diploma In Civil Engineering, UiTM (Facilitator), 12-13 October 2017

**K. POSTGRADUATE SUPERVISION**

	<b>STUDENTS NAME</b>	<b>MOD PROGRAME</b>	<b>TITLE</b>
1	Nur Atiqah Bt Abdullah	Disertation	Effect Of Nano Kaolin To Stabilzed The Soil Liner
2	Raimi Syazwan Bt Asmuni	Disertation	Performance Of Hydraulic Conductiviyy In Nano Bentonite In Develop New Soil Liner Design
3	Nor Azlan Bin Khalid (2014911527)	PhD	Effect Of Compaction On Hydraulic Conductivity Of Stabilized Sedimentary Residual Soil With Bentonite As Liner
4	Faizah Binti Kamaruddin (2012905053)	PhD	Soft Soil Improvement By Using Encased Fine Aggregate Drain
5	Nik Nurul Syuhada Binti Nik Ab Aziz (2013652948)	PhD	Shear Strength And Hidraulic Conductivity Of Laterite Soil Mix With Geopolymer In  Designing A New Soil Liner System
6	Sharina Binti Ibrahim (2015964663)	PhD	Sustainable Soil Stabilization Using Waste Materials: A Mitigationto The Flooded Low Load-Bearing Capacity Soils
7	Nur Aisyah Binti Kasim (2015600694)	Msc	Evaluataion On Interface Shear Strength Characteristic Between Geotextile And Soil Linerwith The Appearance Of Sodium Bentonite
8	Zakiah Binti Razak (2015281878)	Msc	Plaxis Finite Element Simulation 2d Program On Soft Clay-Case Study
9	Nur Shamimie Muhammad Fauzi	Phd	Development Of Controlled Strengthsubgrade Material (Csgm) From Selected Industrial Waste
10	Siti Nur Aida Binti Mario	Msc	Investigation On Engineering Properties Of Soft Soils With Waste Incineration Ashes

