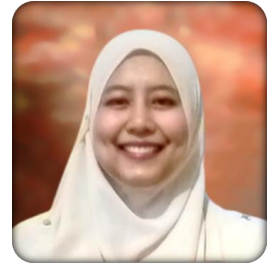


# CURRICULUM VITAE



## A. PERSONAL DETAILS

Name : Dr. Nurul Ainain Binti Mohd Salim  
Office Address : School of Civil Engineering,  
College of Engineering,  
Universiti Teknologi MARA,  
40450 Shah Alam, Selangor, Malaysia  
Tel. : (+60) 03-5521 1859  
E-mail : [ainain@uitm.edu.my](mailto:ainain@uitm.edu.my)  
[nurulain2@yahoo.com](mailto:nurulain2@yahoo.com)



Scopus

<https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=57224504378&zone=>

Google Scholar

<https://scholar.google.com/citations?user=r2ULabAAAAJ&hl=en>

ORCID

<https://orcid.org/https://orcid.org/0000-0002-1861-1649>



<https://expert.uitm.edu.my/profile.php?id=Y8Wm4pW8L5oIGTOy077HVJUWL8SAbrVB5SO5Nk9UadA=>

## **ACADEMIC QUALIFICATION**

Ph.D in Civil Engineering (2018)

Universiti Teknologi MARA (UiTM), Shah Alam

MEng. in Civil (Geotechnical) (2009)

Universiti Teknologi Malaysia (UTM), Malaysia

BEng. (Hons) Civil Engineering (2006)

Universiti Teknologi MARA (UiTM), Shah Alam

## **B. PROFESSIONAL MEMBERSHIP**

1. Board of Engineers Malaysia (BEM)- Registered member (GE177388A)
2. Malaysia Board of Technologist (MBOT) – (GT21030989)
3. Malaysian Geotechnical Society (PPM-028-10-14032013)
4. Society for Engineering Geology and Rock Mechanic Malaysia (SEGRM1119)

## **C. PUBLICATIONS**

1. Nurul Ainain Mohd Salim **(2023)**. *Petrographic Analysis: Thin-Section Method for LCS* (Publication No. Pb/2023/009424). College of Engineering.
2. Nurul Ainain Mohd Salim **(2023)**. *Petrographic Analysis: Thin-Section Method for Soiltechnics* (Publication No. Pb/2023/009447). College of Engineering.
3. Nurul Ainain Mohd Salim **(2023)**. *Mohs Hardness Test Report for Soiltechnics* (Publication No. Pb/2023/009461). College of Engineering.
4. Lawal E.A and Salim, N.A.M. (2022). Numerical Analysis for Prediction of Optimum Deformation of Long Tunnel Crown Stability with Respect to Excavation Depth. *EDUCATUM Journal of Science, Mathematics and Technology (EJSMT)*. Vol. 9 No. 1, 79-91. ISSN 2289-7070 / e-ISSN 2462-2451 (79-91)
5. N.A.M Salim and Z. Mohamed. (2021). Energy Absorption of Weathered Rock with Cyclic Stress History. *Proceeding of the 5<sup>th</sup> Symposium on Damage Mechanism in Materials and Structures*. 44-45 (ISBN 978-967-2224-66-2).
6. Nurul Ainain Mohd Salim and Zainab Mohamed. (2021). The Influence of Cyclic Stress History on the Energy Absorption of Weathered Rock, *Civil Engineering and Architecture*, Vol 9 (5A), 41-46.

7. Salim, N.A.M., Mohamed, Z. & Berhan, M.N. (2017). Stress ratio effect on fatigue life of Tropically weathered rock, Bulletin of Engineering Geology and the Environment, 1-10. (<https://doi.org/10.1007/s10064-017-1181-6>) (Q1 Journal)
8. Salim, N.A.M., Mohamed, Z. & Berhan, M.N. (2016). The effect of cyclic stress on the strain and microstructure of weathered granite, International Conference of Civil and Infrastructure Engineering (InCIEC 2015). 287-299 ([https://doi.org/10.1007/978-981-10-0155-0\\_27](https://doi.org/10.1007/978-981-10-0155-0_27))
9. Salim, N.A.M., Mohamed, Z. & Berhan, M.N. (2014). The influence of cyclic load to the properties of weathered granite, International Conference of Civil and Infrastructure Engineering (InCIEC 2013). 477-487. ([https://doi.org/10.1007/978-981-4585-02-6\\_41](https://doi.org/10.1007/978-981-4585-02-6_41))
10. Salim, N.A.M., Mohamed, Z. & Berhan, M.N. (2013). Behaviour of weathered rock under cyclic loading. International Refereed Journal of Engineering and Sciences 2 (2), 07-22. (ISSN (Online) 2319-183X, (Print) 2319-1821)
11. Salim, N.A.M., Mohamed, Z. & Berhan, M.N. (2012). Cyclic loading effect of uniaxial compressive strength of weathered rock. 6th SasTech 2012 International Symposium on Advances in Science and Technology. (ISSN (Online) ISSN 1735-5540)

#### **D. RESEARCH GRANTS**

1. Study and rural Empowerment and Community Help (Yayasan TM Grant **2023**- Ahli)
2. The Effects of Accelerated Decomposition on the Geotechnical Properties of Organic Peat Soils (Geran Penyelidikan Muda Berbakat Khas (YTRK) 2020 -Ahli)
3. Mechanism of Wave Propagation and Derivation of Engineering and Mechanical Properties for Sedimentary Rock (Geran Penyelidikan Khas 2020 - Ahli)
4. UiTM Shah Alam Towards Low Carbon Campus Through Carbon Reduction in Transportation (Geran Bestari 2019- Ahli)

#### **E. INNOVATION AWARDS**

1. MyGreCO: My Green Construction Site-Carbon Emission Assessment and Monitoring Tool (**MTE 2022-Silver**)
2. Cylo Meter- A Low-Cost Soil Moisture Monitoring Sensor with Automatic Irrigation System (VIC 2021-Bronze)
3. Kolora Meter V2: Integrated Water Quality Sensors and IOY for surface water Monitoring System (KRESO GLAVAC SPECIAL AWARD)

4. Kolora Meter V2: Integrated Water Quality Sensors and IOY for surface water Monitoring System (MTE2021-GOLD)
5. Integrated Water Quality Monitoring and IoT for Surface Water (iidex2021-SILVER)
6. Cylo Meter- A Low-Cost Soil Moisture Monitoring Sensor with Automatic Hydroponic Watering System (RISE 2021-GOLD)
7. Cylo Meter- A Low-Cost Soil Moisture Monitoring Sensor with Automatic Hydroponic Watering System (iidex2021-SILVER)
8. Integrated Water Quality Monitoring and IoT for Surface Water (Special IEE ComSoc/VTS Malaysia Chapter Award)
9. Integrated Water Quality Monitoring and IoT for Surface Water (IICCE2021-GOLD)
10. Rock Engineering MOOC (econdev2021-SILVER)
11. Integrated Water Quality Monitoring and IoT for Contamination Detection (iid2021-GOLD)
12. Approbation Technology in Open Distance Learning (ODL) Through Open Ended of Geotechnical Laboratory (econdev2020 - BRONZE)
13. Peat Soil Reinforcement Using Waste Tyre Granules for Sustainable Construction (iidex2020-SILVER)
14. Kolora Meter: A Low-Cost Water Quality Monitoring Device. (iidex2020-GOLD)

**F. AREA OF INTEREST**

- Rock Mechanics
- Soil Mechanics
- Engineering Geology
- Foundation Engineering
- Rock Cyclic & Rock Fatigue