

Assrul Reedza bin Zulkifli

College of Engineering, School of Civil Engineering,
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<https://scholar.google.com/citations?user=wxLtzoEAAAAJ&hl=en>

1. EDUCATION

MSc (Construction Management) (2012) Universiti Teknologi Malaysia, B Eng Civil Engineering (2008) Universiti Teknologi Malaysia.

2. EMPLOYMENT

Oct 13 - present - **Lecturer/Senior Lecturer**
College of Engineering, Universiti Teknologi MARA, Malaysia

Jan 2011-Jan 2012 – **Project Engineer**

Dekon Sdn. Bhd.

Construction of railway station Electrified Double Track project package N5, Malaysia

July 2008- Dec 2010 – **Engineer/Assistant Resident Engineer**

Sepakat Setia Perunding Sdn. Bhd.

Construction of Roller Compacted Concrete Dam at Sg. Batu Hampar Ulu Sepri Negeri Sembilan, Malaysia

3. PROFESSIONAL MEMBERSHIP

Professional Engineer (P.Eng) registered with the Board of Engineers Malaysia (20680) and The Member of The Institution of Engineer Malaysia (MIEM) (72472)

Occupational Safety & Health for Construction Industry (management) Professional by Department Safety & Health, Malaysia

4. RECENT INDICATORS OF PROFESSIONAL ESTEEM

Awards & Recognitions: GOLD Award (Invention, Innovation & Design Exposition (IIDEX 2017) (17'); Universiti Teknologi MARA Excellence Award (2017');

Develop a web based and apps based CONSTRUCTION SITE INSPECTION AND MANAGEMENT SYSTEM (CONSIMS) in 2016

Citation Profile: Citations: 10; h-index: 2; *source: Google Scholar*)

Knowledge transfer experience: Department of Occupational Safety and Health (DOSH), Construction Industry Development Board (CIDB) Malaysia, other Private AEC firm

Teaching experience: Construction project management, construction law, engineering drawing, construction technology, Civil Engineering Quantities & Estimation, Mechanical & Electrical Engineering Practice

5. RECENT PUBLICATIONS (JOURNAL & PROCEEDING)

Proceeding

2018 Activation Trigger For Organisational Bim Learning: Views From Malaysian Construction Stakeholders **Assrul Reedza Zulkifli**, Che Khairil Izam Che Ibrahim, Sheila Belayutham, Association of Researchers in Construction Management ARCOM 2018: 34th Annual Conference – Belfast, United Kingdom : A Productive Relationship: Balancing Fragmentation and Integration

2017 Energy Consumption Of Insulated Material Using Thermal Effect Analysis Mohd Fadzil Bin Arshad, Norliyati Binti Haji Mohd Amin, M. A. Hilmi, Ahmad Ruslan Bin Mohd Ridzuan, M. H. Wan Ibrahim, **Assrul Reedza Bin Zulkifli**, Universiti Tun Hussein Onn Malaysia, Novotel Melaka

2017 Characterization Of Kaolin As Nano Material For High Quality Construction Mohd Fadzil Bin Arshad, Muhd Norhasri Bin Muhd Sidek, Norliyati Binti Haji Mohd Amin, Hamidah Bt Mohd Saman @ Hj Mohamed, M. H. Wan Ibrahim, **Assrul Reedza Bin Zulkifli**, Universiti Tun Hussein Onn Malaysia, Novotel Melaka

2015 Automated System For Quality Control In Malaysia Construction Projects: A Review Of Literature Intan Rohani Binti Endut, Ahmad Ruslan Bin Mohd Ridzuan, **Assrul Reedza Bin Zulkifli**, Universiti Teknologi MARA, Pulau Pinang, G-Hotel, Pulau Pinang

2014 Construction Of Roller Compacted Concrete Dam In Malaysia: Batu Hampar Dam **Assrul Reedza Bin Zulkifli**, Mohd Fadzil Bin Arshad, Juhaizad Bin Ahmad, Universiti Teknologi Mara, The Pacific Sutera Harbour Resort, Sabah

Journal

2017 Site Inspection For Construction Projects Using Inspection Test Plan (ITP) Intan Rohani Binti Endut, Ahmad Ruslan Bin Mohd Ridzuan, **Assrul Reedza Bin Zulkifli**, Journal Of Engineering And Applied Sciences , Medwell Journals, page no : 1835, vol : 12, issues : 7

2017 Energy Consumption Of Insulated Material Using Thermal Effect Analysis Mohd Fadzil Bin Arshad, Norliyati Binti Haji Mohd Amin, Ahmad Ruslan Bin Mohd Ridzuan, **Assrul Reedza Bin Zulkifli**, Matec Web Of Conferences, EDP Sciences, page no : 1, vol : 103

2017 Project Quality Plan (PQP) Implementation During Site Inspection Nur Nabihah Abd Raza, Intan Rohani Binti Endut, Siti Akmar Bte Abu Samah, Ahmad Ruslan Bin Mohd Ridzuan, Sabihah Saaidin, **Assrul Reedza Bin Zulkifli**, Journal Of Engineering And Applied Sciences, Medwell Journals, page no : 803, vol : 12, issues : 4

2016 Modelling Daily Streamflow Using Genetic Algorithm, Shahrul Nizam Bin Mohammad, **Assrul Reedza Bin Zulkifli**, Mohamed Khatif Tawaf Bin Mohamed Yusof, Diana Binti Che Lat, Mohd Amran Bin Hasbullah, Assoc Prof Dr Ismail Atan Dr Aminuddin Mohd Baki, Journal Of Advanced Research In Applied Mechanics , Penerbit Akademia Baru, page no : 1, vol : 26, issues : 1

8. RECENT GRANTS (RESEARCH & CONSULTANCY)

No.	Project Title	Year	Role	Grant Type	Level
1	PROJECT MASS RAPID TRANSIT LALUAN 2 : SUNGAI BULOH-SERDANG-PUTRAJAYA (SSP) PACKAGE V206 : CONSTRUCTION AND COMPLETION OF VIADUCT GUIDEWAY AND OTHER ASSOCIATED WORKS FROM SERDANG RAYA TO UPM	2020	Member	OTHER GRANTS (OTHER GRANTS)	PRIVATE
2	DESIGNER COMPETENCY MATRIX FOR PREVENTION THROUGH DESIGN (DCM-PTD) PRACTICE OM CONSTRUCTION PROJECTS	2020	Member	OTHER GRANTS (OTHER GRANTS)	NATIONAL
3	IDENTIFICATION OF POTENTIAL BAMBOO MAPPING AREA IN KUALA KENIAM TAMAN NEGARA PAHANG	2019	Member	SELF-FUNDED (SELF FUNDED)	UNIVERSITY
4	IDENTIFICATION OF POTENTIAL BAMBOO MAPPING AREA IN KUALA KENIAM TAMAN NEGARA PAHANG	2019	Member	SELF-FUNDED (SELF FUNDED)	UNIVERSITY
5	BUILDING SUSTAINABLE FLOATING BAMBOO FISH CAGE FOR ORANG ASLI IN KUALA KENIAM TAMAN NEGARA PAHANG	2019	Member	SELF-FUNDED (SELF FUNDED)	UNIVERSITY
6	ABSORPTIVE CAPACITY MODEL OF BUILDING INFORMATION MODELLING (BIM) IMPLEMENTATION AMONG CONSTRUCTION PROJECT STAKEHOLDERS IN MALAYSIA	2019	Project Leader	FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS)	NATIONAL
7	NUMERICAL LOCALIZED CONCRETE BEARING FAILURE MODEL	2018	Member	BESTARI (BESTARI)	UNIVERSITY

8	UTILISATION OF INTERNAL EXPERTISE TO DESIGN AND EXECUTE REPAIR FOR PUBLIC UTILITY IN KUALA KENIAM	2017	Project Leader	DANA KUALA KENIAM (KENIAM)	UNIVERSITY
9	DESIGN AND CREATIVE APPROACH IN REPAIR AND CONSERVATION OF ADMINISTRATION BUILDING IN KUALA KENIAM	2017	Member	DANA KUALA KENIAM (KENIAM)	UNIVERSITY
10	OPTIMISING CREATIVITY AND INTERNAL EXPERTISE FOR REHABILITATION OF RESEARCH FACILITIES IN KUALA KENIAM	2017	Member	DANA KUALA KENIAM (KENIAM)	UNIVERSITY
11	FRAMEWORK OF AUTOMATED QUALITY CONTROL AND MONITORING SYSTEM IN CONSTRUCTION PROJECT FOR SITE INSPECTION	2014	Project Leader	RESEARCH ACCULTURATION GRANT SCHEME (RAGS)	NATIONAL

17. INVITED / GUEST SPEAKERS

Prevention Through Design : Civil & Structural Engineers, DOSH Safety & Health Workshop, Occupational Safety & Health for Construction Industry (management) since 2018 – Present (OSHCIM)