

HAR EINUR AZRIN BAHARUDDIN (Dr)

Senior Lecturer, Koordinator ICAN (FSPU)

Centre of Studies for Quantity Surveying
Faculty of Architecture, Planning and Surveying
Universiti Teknologi MARA,
40450 Shah Alam,
Selangor, Malaysia.

Research Interest Group
Research Nexus UiTM (ReNeU)

+603-5544 8117
hareinur@uitm.edu.my



Areas of Expertise

Project Management, Stakeholder Management/Engagement, Sustainability, Building Information Modelling, Collaborative Procurement, Infrastructure Projects

<https://prisma.uitm.edu.my/prisma/hareinurazrin>

<https://scholar.google.hareinurazrin>

Personal Information

Har Einur Azrin Baharuddin
Centre of Studies for Quantity Surveying
Research Interest Group Contract, Procurement & Management System (CPMS)

Academic Qualifications

PhD in Civil Engineering, The University of Auckland, New Zealand
Master of Science in Project Management, National University of Singapore, Singapore
Bachelor of Science (Hons.) in Quantity Surveying, Universiti Teknologi MARA
Diploma in Quantity Surveying, Universiti Teknologi MARA

Professional Members

Board of Quantity Surveying (BQSM), Provisional Member, 2007-2020
Royal Institution of Surveyors Malaysia (RISM), Graduate Member, 2007-2020

Teaching and Learning

Degree (Current Course)

1. Measurement of Construction Works
2. Building Services
3. Sustainable Construction
4. Computer Aided Design (CAD)
5. Computer Aided Measurement (CAM)
6. Dissertation

Student Supervision

Master's degree (By research):

A Framework for Successful Delivery of Stakeholder Management in Public Private Partnership Infrastructure Projects in Malaysia – January 2021

Sakinah Khalidah Binti Kaharuddin

Risk Mitigation Framework in Managing Civil Engineering Projects (on-going)

Muhamad Hafizuddin bin Idris

Degree (Current supervision):

Towards Education for Sustainable Development

(Haris Fadhilah Ismail)

Upgrading Facilities Management in Tourism for Disable People in Malaysia

(Siti Noraliyah Norazman)

Impact of Flooding to Small Medium Enterprise (SMEs) Contractor in Kelantan

(Nur Alyaa Asilah Azlan)

Adaptation of Sustainable Concept in controlling Waste Rate in Malaysia Construction Industry

(Noor Sarah Noor Hijat)

The Impact of Safety Practices on Labour Productivity for Highway Construction in Selangor

(Norlisa Binti Ibrahim)

The Implementation of Maintenance Management Framework for Conservation of Heritage Building in Malaysia

(Nur Amira Husna Binti Zulkifly)

A Study on Conservation of Heritage Building in Melaka

(Nurulain Syafiqah Binti Mubarak)

The Understanding of Sustainable Development Indicators Among Construction Industry Players in Malaysia

(Athina Solehah Binti Alias)

Implementation of Smart Cities in Malaysia

(Nur Irdina Batrisya Binti Hashim)

Completed (latest):

A Study of Design and Cost of Affordable Housing in Sabah
(*Keathlyn Salim @Andreas*)

A Case for Change: Awareness of Sustainable Materials in government Projects
(*Muhammad Fahim Misnan*)

Maintenance Management of Green Roof Systems: A Comparative Studies
(*Naimuddin Bin Ibrahim*)

The Impact of Social Media as a Communication Channel between parties involved in Construction Projects
(*Dalilah Hayati Binti Zulkifli*)

The Impact of Information, Communication and Technology (ICT) Knowledge on Students' Performance among FSPU for Built Environment Programme (non-design based) in UiTM Shah Alam
(*Norhafiza Abdullah*)

Refurbishment Management: Challenges and Opportunities
(*Nur Awadah Binti Mohammad Zubir*)

The Procurement Process of Rawang Bypass Highway
(*Mariah Binti Mohd Mazlan*)

The Implementation of Visualisation Technology in Safety and Health for Construction Projects
(*Adlin Jazriena Binti Salleh Noah*)

Risk Management of Industrialised Building System (IBS) Construction Projects in Shah Alam
(*Mohamad Yusuf Bin Mohamad Solihin*)

Waste Management for Demolition Work at Construction Site in Kelantan
(*Muhammad Syafiq Bin Mohd Zulkifli*)

The Critical Success Factors (CSFs) on Overcoming the Shortage of Cement in Sarawak Construction Industry: Contractor's Perspective
(*Nur 'Atikah Binti Ahmad Anuar*)

Socio-Economics Impact of Terengganu Drawbridge Construction Towards the Local Community
(*Nur Izzatie Ayuni Binti Zainuddin*)

Post Occupancy Evaluation of Shared Facilities: An Educational Buildings (Pagoh Educational Hub)
(*Nur Nabilah Binti Muhamad Noh*)

The Environmental Management System (EMS): The Awareness of the Contractor and Client in Sustaining the Construction Project in Sabah
(*Hana Wahidah Binti Suhanin*)

The Practicality of Solar Home System in a Residential Unit
(*Mazni Shazwina Binti Sharin*)

Post Occupancy Evaluation (POE) for Green Building in Klang Valley
(*Muhammad Nazmi Bin Abd Mutalib*)

The Challenges on the Implementation of the Safety Requirement in Mass Rapid Transit (MRT) Projects
(*Muhammad Syamim Bin Shamsuddin*)

Post Occupancy Evaluation (POE) in Higher Educational Buildings
(Nur Hazwanee Binti Maziun)

Strategies and Development of Solar Energy in Malaysia
(Nur Natasha Najwa Binti Mohd Muhyed)

Assessment of Technical Skills among Quantity Surveyor Students in Tertiary Education Institution
(Nurhasyimah Binti Ahmad Zaini)

The Impact of Stakeholder Contribution Towards Successful Project
(Amira Binti Abdul Hamid)

Green Building Features: A Comparative Study on Green Buildings in Malaysia
(Muhammad Asri Bin Mohd Ambari)

Publications

Azizi, N. M., Azizi, Z., Baharuddin, H. E. A., Shamsi, N. A., & Razak, F. A. (2020). Examining Factors Of Resilience In Built Environment Students: Malaysia Case Study. *International Journal of Advance Research in Engineering and Technology (IJARET)*, 11(9), 305-314.

Baharuddin, H. E. A., Che Ibrahim, C. K. I., Costello, S. B., & Wilkinson, S. (2017). Managing stakeholders through alliances: a case study of a megaproject in New Zealand. *Proceedings of the Institution of Civil Engineers-Management, Procurement and Law*, 170(4), 151-160.

Kaharuddin, S. K., Adnan, H., & Baharuddin, H. E. A. (2020). Success Factors for Stakeholder Management for Public-Private Partnerships Infrastructure Projects. *Built Environment Journal* 17(2), 1-10

Ismail, F., Yusuwan, N. M., & Baharuddin, H. E. A. (2018). Success Factors for Initial Works of Industrialised Building System Process of Projects Implementation. *Asian Journal of Environment-Behaviour Studies*, 3(9), 169-181.

Mohd Fauzi, N., Mohamad, N., Baharuddin, H.E.A., and Ismail, N. (2019). *Investigation of Ethical Decision Making towards Ethical Issues in the Construction Industry. The Malaysian Surveyor Volume 54* (No. 3 & 4), 31-42

Kaharuddin, S. K., Adnan, Hamimah, Baharuddin, H.E.A. (2020). A Framework for Successful Delivery of Stakeholders Management in Public Private Partnerships Infrastructure Projects in Malaysia. Presented at the International Innovation Invention and Design for Built Environment and Engineering Exposition (IIIDBEEEX) 2020. Shah Alam, Malaysia

Ahmad Zaini, N., Baharuddin, H.E.A., (2019). Assessment on Technical Skills among QS Students in Tertiary Education Institution. *Proceedings of Quantity Surveying Research and Innovation (QSRI) 2020*. ISBN No.: 978-967-363; pg 126-132

Shamsuddin, M. S., Baharuddin, H.E.A., (2019), Challenges on the Implementation of Safety Requirement for KVMRT Line 1 Project. *Proceedings of Quantity Surveying Research and Innovation (QSRI) 2020*. ISBN No.: 978-967-363; pg 407; 8 May 2019

Ismail, N.A.A., Baharuddin, H.E.A., Adnan, H., (2019) BIM awareness and usage vs BIM Knowledge Importance and Future Planning: An Analysis from Malaysian Quantity Surveyors. *Proceedings of the 11th International Conference held on 9 September 2019; London organised by East Carolina University.*

Kaharuddin, S. K., Adnan, H., Baharuddin, H.E.A., Assessing the Emerging factors on Stakeholder Management in Public Private Partnership (PPP) in Malaysia. Proceedings of the 11th International Conference held on 9 September 2019; London organised by East Carolina University.

Baharuddin, H.E.A., Othman, A.F., Adnan, H., Ismail, N.A.A., Evaluating the Influence of Training on Attitude to Building Information Modelling (BIM) Adoption in Malaysian Construction Industry by using Extended Technology Acceptance Model (TAM). Proceedings of the 11th International Conference held on 9 September 2019; London organised by East Carolina University.

Baharuddin, H.E.A., Othman, A.F., Sapeciay, Z., Adnan, H., Idris, N.H., (2019). Engaging the project stakeholders through Training on BIM Adoption in Malaysian Public Work Department. Proceedings of the 4th International Conference on Research Methodology for Built Environment and Engineering (ICRM BEE) 2019; 24 – 25 April 2019; Chulalongkorn University, Thailand

Baharuddin, H.E.A., Othman, A.F., Adnan, H., Wan Ismail, W.N., (2018). The Influence of BIM Training on BIM Adoption Among Quantity Surveyors in Government Agencies. Proceedings of the 2018 International Conference on Construction, Aerotropilis and Environmental Engineering (ICCAE) 2018; 23 – 25th November 2018; Vanung University, Taiwan

Adnan, H., Baharuddin, H.E.A, Hassan, A.A., Mahat, N.A.A., Wan Ismail, W.N., (2018). Success Factors Among Industrialised Building System (IBS) Contractors in Malaysia. Proceedings of the 2018 International Conference on Construction, Aerotropilis and Environmental Engineering (ICCAE) 2018; 23 – 25th November 2018; Vanung University, Taiwan

Wan Ismail, W.N., Adnan., Hassan, A.A., Mahat, N.A.A., Baharuddin, H.E.A., (2018). Significant Factors Affecting Civil Engineering Project Performance. Proceedings of The International Conference on Built Environment and Engineering 2018 MATEC Web Conferences; 29 October 2018; Jen Hotel, Johor. <https://doi.org/10.1051/matecconf/201926601024>

Mohd Din, M., Mokhtar Azizi, N.S., Baharuddin, H.E.A., Mokhtar Azizi, N. Z., (2019). Encouraging Energy Saving Behaviour in Hospital Facilities. Proceedings of the 9th AicE-Bs 2019 Lisbon, Faculty of Architecture, University of Lisbon (ULisboa), Portugal, 3-4 July 2019

Research Grants and Contracts

(Special Grant UiTM – RM 20,000) *A Sustainable Decision-Making Model of Innovative Technologies Adoption For Small to Medium Enterprises (SME) in the Malaysian Construction Industry* (Member)

(LESTARI Grant UiTM – RM 20,000) *The Impact of Stakeholder Engagement in the Usage of the Sustainability Assessment Tools for Public Works Department Projects* (2018-2020) (PI)

(LESTARI Grant UiTM – RM 20,000) *Briefing Stage Integration Framework for Producing Quality Design Information in Building Refurbishment Projects in Malaysia* (2018-2020) (Member)

(LESTARI Grant UiTM RM 20,000) *An Assessment SMEs Resilience in the Malaysian Construction Industry to Extreme Climatic Events* (2017-2020)

Consultation & Expertise (Appointment, Organization, Title, Level, Year, Action/Role)

-

Innovation, Commercialization & Entrepreneurial (Project Name, Type of

Project, Title, Level, Year, Action/Role)

-

Services & Administration (Position, Duration, Level of Position, Main Job/Action)

Koordinator ICAN FSPU (current)

Work and Collaboration Experience (Position, Duration, Name of Organization, Main Job/Action)

-

Awards & Recognitions (Name of Award, Organization, Title, Level, Year, Action/Role, Achievement)

Platinum Medal – International Innovation Invention & Design in Built Environment and Engineering Exposition (IIIDBEEEX) 2020
(Title: Initiating Stakeholder Engagement as a Systematic Framework for Infrastructure Projects)

Platinum Medal – International Innovation Invention & Design in Built Environment and Engineering Exposition (IIIDBEEEX) 2020
(Title: A Framework for Successful Delivery of Stakeholders Management in Public Private Partnerships Infrastructure Project in Malaysia)

Silver Medal - National e-Content Development Competition 2018 (e-ConDev 2018) (Title: *Building Construction Fundamentals I*)

Silver Medal - National e-Content Development Competition 2018 (e-ConDev 2018)
(Title : *Building Services and Sustainability*)

Silver Medal – Invention, Innovation & Design Exposition 2017 (IIDEX 2017) Title: *Early Stakeholder Engagement (ESE) as a Process of Innovation in Infrastructure Projects*

1st Place Poster Presentation – Persidangan Juruukur Bahan Sektor Awam 2019
Title: *Initiating Early Stakeholder Engagement as a Systematic Framework for Infrastructure Projects*

3rd Place Poster Presentation – Persidangan Juruukur Bahan Sektor Awam 2019
Title: *The Influence of Training on Attitude to Building Information Modeling (BIM) Adoption in Malaysia Construction Industry*

Silver Award – Quantity Surveying Research and Innovation (QSRI) Presentation 2018 (Dalilah Hayati Zulkifli – *Changes in Social Technology and How It Affects the Communication Between Parties in a Construction Projects*)

Bronze Award – Quantity Surveying Research and Innovation (QSRI) Presentation 2018 (*Nor Hafiza Abdullah – A Study on the Impact of ICT Knowledge on Student Performance of Non-Design Based Student in UiTM*)

Silver Award – Quantity Surveying Research and Innovation (QSRI) Presentation 2018 (*Muhammad Syamim Bin Shamsuddin – The Challenges on the Implementation of the Safety Requirement in Mass Rapid Transit (MRT Project)*)

Silver Award – Quantity Surveying Research and Innovation (QSRI) Presentation 2018 (*Nur Hasyimah Binti Ahmad Zaini – Assessment of Technical Skills among Quantity Surveyor Students in Tertiary Education Institution*)

First Prize of 2014 Construction Management Doctoral Poster Competition The University of Auckland, NZ
Title: Minimising Discomfort in Infrastructure Projects: Enhancing Early Stakeholder Engagement Features

Contribution to Society (Name of Program, Organization, Title, Level, Year, Action/Role, Achievement)

-

Other Activities (Name of Program, Organization, Title, Level, Year, Action/Role, Achievement)

-