



MD. ASRUL NASID MASROM

Associate Professor in Construction

PhD. in Built Environment (QUT), Msc in Cons. Contract Management (UTM), Bsc. In Building (UTM)

ABOUT ME

Innovative Associate Professor with over 5 years of experience in construction management, contract administration, and sustainable project performance. Recognized for strategic leadership in academic research, public engagement, and innovation for over 15 years. I am skilled in managing multi-disciplinary teams, securing competitive research grants, and conducting extensive research and development activities.

EDUCATION BACKGROUND

- **Doctor of Philosophy** (Built Environment), Queensland University of Technology (QUT), Brisbane, Queensland, Australia, 2012
- **Master of Science** (Construction Contract Management), Universiti Teknologi Malaysia (UTM), 2007 (CPA: 3.55/4.00)
- **Bachelor's degree** (Building), Universiti Teknologi Malaysia (UTM), 1999 (CPA: 3.16/4.00)
- **Diploma** (Quantity Surveying), Universiti Teknologi Malaysia (UTM), 1997 (CPA: 3.14/4.00)

WORK EXPERIENCE

Academic Experience

- **Associate Professor**, Department of Construction Management and Real Estate Management, Faculty of Technology Management, 2019-2025
- **Postdoctoral** (Construction Management), Faculty of Architecture, Building and Planning, University of Melbourne, Australia (2019-2020)
- **Lecturer (Part-Time)**, Department of Construction, Faculty of Architecture, Building and Planning, University of Melbourne, 2019-2020.
- **Senior Lecturer**, Department of Construction Management and Real Estate Management, Faculty of Technology Management, 2012-2018
- **Tutor (Part-Time)**, Department of Urban Development, School of Built Environment and Engineering, Queensland University of Technology (QUT), Brisbane, 2009-2012
- **Tutor**, Department of Construction Management and Real Estate Management, Faculty of Technology Management, 2007-2012
- **Educator** for Special Education (Secondary Level), Sekolah Menengah Kebangsaan Taman Universiti, Skudai, Johore, 2005

Construction Industry Experience

- **Quantity Surveyor**, Jurukur Bahan Perdana, Petaling Jaya, Selangor (Quantity Surveyor Consultant Firm), 2002-2005
- **Quantity Surveyor**, Zika Enterprise, Negeri Sembilan (Main Contractor, Grade 5), 2001
- **Assistant Quantity Surveyor**, HLM Sdn.Bhd., Johore Bahru (Main Contractor, Grade 7), 2000
- **Junior Quantity Surveyor**, Jabat Yakin Sdn.Bhd., Johore Bahru (Developer), 1999

CORE COMPETENCIES

- Sustainable Performance Measurement
- Construction Procurement
- Construction Law
- Communication Among Participants in Projects
- Organisational Leadership
- Sustainable Development
- Energy Management in a construction project
- Decarbonisation and Net Zero Energy Building (NZEB) Model for construction projects
- Performance Measurement Model for Energy and Green Technology
- Community and Public Engagement in Social Infrastructure Development

PHD RESEARCH TITLE & PUBLICATION

DEVELOPING A PREDICTIVE CONTRACTOR SATISFACTION MODEL (CoSMo) FOR CONSTRUCTION PROJECTS

https://eprints.qut.edu.au/54737/1/Masrom_Md_Thesis.pdf

Google Scholar:

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

ORCID: <https://orcid.org/0000-0001-5221-2855>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=55767870200>

Citation: H-Index (Scopus) -11

PROFESSIONAL MEMBERS

- Associate Member, National Council of Professors (Ahli Bersekutu, Majlis Profesor Negara) (MPN 14092)
- Graduate Member, Malaysia Board of Technologists (MBOT) (GT25050307)

INTERNATIONAL ORGANISATION MEMBERS

Mentor Career, Queensland University of Technology (QUT), Brisbane, Queensland.

ACADEMIC ACTIVITIES

ADMINISTRATIVE & LEADERSHIP EXPERIENCE

- Deputy Dean (Research, Development & Publication)
- Faculty of Technology and Business Management, UTHM (2020–2025)
- Oversaw strategic research initiatives, grant management, and academic publications.
- Deputy Dean (Student and Alumni Affairs)
- Faculty of Technology and Business Management, UTHM (2018)
- Principal Investigator, Centre for Sustainable Infrastructure & Environmental Management (CSIEM) (2022–2025)
- Associate Researcher, Institute of Integration Engineering, OASES (2020–2023)
- Head of Focus Group, Sustainable Infrastructure Management (2020–2021)
- Head of Laboratory & Panel, Department of Management and Construction (2014–2018)

COURSES TAUGHT (2019-2025)

- Construction Law
- Construction Procurement
- Building Services
- Research Methodology
- ICT in Construction

I am taught at UTHM, the University of Melbourne, Victoria University, and QUT.

RESEARCH, DEVELOPMENT, AND INNOVATION

RESEARCH GRANT

Principal Investigator Projects

- An Investigation into Developers' Perspectives on Building Information Modelling (BIM) Demand Factors During Construction Life Cycle **(Leader)**
31/10/2024
(RM 45,000)

- Developing A Job Satisfaction Framework by Using the Emotional Intelligence Concept for Higher Institution Academician in Malaysia **(Leader)** 30/04/2024 (RM 45,000.00)
- Assessing Challenges of Drone Technology Application Amongst Contractor G7 **(Leader)** 31/12/2023 (RM20,000.00)
- Assessing Happiness Level about Productivity Among University Employees During the Pandemic **(Leader)** 31/10/2023
- The Role of Cognitive Flexibility in Entrepreneurial Opportunity Recognition **(Leader)** 30/06/2023 (RM10,000)
- Assessing Happiness Level with Productivity Among Universiti Tun Hussein Onn Malaysia (UTHM) Employees During Pandemic **(Leader)** 30/06/2022 (RM5,000)
- Assessing Critical Success Factors (CSF) Of Risk Management Towards Green Retrofit on Existing Multi-Storey Commercial Building **(Leader)** 31/12/2020. (RM30,000.00)
- Computer-Based Performance Analysis (COMBPMA) **(Leader)** 14/01/2020. (RM30,000)
- A Computer-Based Performance Measurement Analysis (COMBPMA) For Multi-Large Infrastructure Projects Towards Sustainable Development in Malaysia **(Leader)** 30/09/2017 (RM50,000.00)

Collaborative Projects (Member)

- On-Demand Public Transport (ODPT) Framework for Smart Mobility in Malaysia, **(Member)** 31/08/2025
- Digital Readiness, Digital Adoption, And Digitalization of MSMEs in Malaysia **(Member)** 30/04/2025
- Circular Economy (CE) Policy Framework for Solid Waste Management in Johor **(Member)** 31/03/2025
- Improving The BIM Coordinator's Decision-Making Skill (Member) 31/08/2024
- Sustainability of Bumiputera Entrepreneur in Construction Industry **(Member)** 30/04/2024
- Pengesanan Dan Pembangunan Corak Taburan Pokok Gelam Sebagai Sumber Primer Baru Minyak Gelam **(Member)** 30/04/2024
- Sustainability Highway Infrastructure Project Evaluation: Novelty Long- Term Investment Decision Support System **(Member)** 31/12/2023
- Developing A Sustainable Index Evaluation System (SIES) for Green Building Index Assessment in Malaysia **(Member)** 31/12/2023

- Public-Private Partnership for Availability and Affordability of Disasters Insurance for Financial Resilience of Low Income Coastal Residential Households and SMEs (**Member**) 30/06/2023
- Archibus Education Grant (**Member**) 30/06/2023
- A Cloud-Based Artificial Intelligent System in Monitoring Construction Project Planning Approval (**Member**) 28/02/2023.
- Framework Of Sustainability Research Implementation for Private Higher Education Institutions in Malaysia (**Member**) 28/02/2023
- Knowledge Transfer on The Application of Waste to Energy Technologies (**Member**) 30/06/2022

INDUSTRY COLLABORATION

- Signed Letter of Intent (LOI) with Koperasi Pekebun Kecil Daerah Pontian (KEPAK) (**Project: Development of a Strategic Framework for Innovative Incinerator Development for Fertilizer Production, (Negotiation stage, Approximate Cost: RM5 Million)**)
- Signed Letter of Intent (LOI) with FY INTECH (**Projects: Exploring Augmented Reality and Virtual Reality in construction projects, (Approximate Cost: RM50,000)**)
- Signed Memorandum of Agreement (MOA) with Juru Wajar Sdn. Bhd. (Gred 7 Contractor) (**Project: Challenges of Drone Technology in Construction Project: Human-Centric Approach, (Cost: RM40,000)**)

PUBLICATION (Journal, Proceedings, Book Chapter, Newspaper-) International Journal (2020-2025)

- Omer, M.M., Masrom, M.A.N., Moyo, T., Adhbeea, N.A., Osuizugbo, I., C. (2025),
A technical support model for the construction of zero-carbon buildings, *Cleaner Waste Systems*, Elsevier
- **Masrom, M.A.N.**, Chan, M., Ohueri, C.C., Ramlee, M.N. and Omar, R. (2025),
Construction safety improvement framework for mass rapid transit projects, *Construction Innovation*.
- Goh, K.C., Kurniawan, T.A., Sarpin, N., **Masrom, M.A.N** (2025),
"Combating microplastic pollution in Malaysia's marine ecosystems using technological solutions, policy instruments, and public participation: A Review", *Journal of Hazardous Materials Advances*.

- Ohueri, C. C., **Masrom, M.A.N** and Lohana, S. (2025), "Advances in Immersive Virtual Reality–Based Construction Management Student Learning", *Journal of Construction Engineering and Management*,
- Ohueri, C. C., **Masrom, M.A.N** and Seighier, T, E. (2024), "Digital twin for decarbonizing operating buildings: A systematic review and implementation framework development", *Energy and Buildings*.
- Ohueri, C. C., **Masrom, M.A.N** and Noguchi, M. (2024), "Human-robot collaboration for building deconstruction in the context of construction 5.0", *Automation in Construction*
- Abdulsalam, R.S., Chan, M., **Masrom, M.A.N.** and Nawawi, A.H. (2024), "Benefits and challenges of implementing green building development in Nigeria", *Built Environment Project and Asset Management (BEPAM)*, <https://doi.org/10.1108/BEPAM-09-2022-0143>
- Ohueri, C.C., **Masrom, M.A.N.**, Habil, H. and Ambashe, M.S. (2023), "IoT-based digital twin best practices for reducing operational carbon in building retrofitting: a mixed-method approach", *Engineering, Construction and Architectural Management (ECAM)*. <https://doi.org/10.1108/ECAM-08-2023-0827>
- **Masrom, M.A.N**, Ohueri, C.C, Azman, A.N., Chan, M. (2023) Guidelines for Facilitating Stakeholders' Roles in Community Engagement in Green Social Infrastructure Development, *International Journal of Sustainable Construction Engineering and Technology (IJSCET)*
- Mohd Nordin, R., Mohd Ahnuar, E., **Masrom, M. A. N.**, & Ali, N. A. (2023). Examining Corruption Issues in Malaysia's Construction Industry: Partaker Perspectives. *PLANNING MALAYSIA*, 21(26). <https://doi.org/10.21837/pm.v21i26.1259>
- Mohamed Alaffad Alhamodi, A. M. K., & **Masrom, A. N.** (2023). Developing A Multi-Linear Regression Model of Knowledge Management Factors Influencing Collaborative Projects in the Aviation Industry. *International Journal of Sustainable Construction Engineering and Technology*, 14(3).
- Mohamed Alaffad Alhamodi, A. M. K. ., & **Masrom, A. N. .** (2023). Impact of Knowledge Management on the Collaborative Project using Path Analysis (linear equations, matrix algebra, and estimation methods): A study in the UAE Aviation Industry. *Utilitas Mathematica*, 120, 514–535. Retrieved from <https://utilitasmathematica.com/index.php/Index/article/view/1784>.
- Wan Norizan Wan Ismail, Hamimah Adnan, **Md Asrul Nasid Masrom**, Har Enur Azrin Baharuddin, and Noraziah Wahi (2023). Significant Factors Influencing Delay of Issuing Project Information in Civil Engineering Projects, *Malaysia Construction Research Journal, CIDB*, Vol 38(3), 85
- Almatari, H.A.Q., Chan, M. and **Masrom, M.A.N.** (2023), "Factors inhibiting the adoption of industrial revolution 4.0 in Malaysian construction industry",

Smart and Sustainable Built Environment, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/SASBE-10-2022-0232>

- Azlina Md. Yassin, **Masrom, M. A. N.**, & Yahya, M. Y., (2022). Measuring Sustainability Elements in PR1MA Affordable Housing. *International Journal of Sustainable Construction Engineering and Technology*, 12(5), 286–293.
- Melissa Chan, **Md Asrul Nasid Masrom** and Suleiman Said Yasin (2022) Selection of Low-Carbon Building Materials in Construction Projects: Construction Professionals' Perspectives. *Buildings*, MDPI, 12(4):486
- **Masrom, M.A.N**, Alias, M.I.H, & Ahamad, M.J., (2022) An Inception Investigation of Building Information Modelling (BIM) Adoption in Facilities Management Practices: Developer Insights, *Malaysian Construction Research Journal*, CIDB, 17, 3, eISSN2590-4140
- W.S. Teo, T.W. Seow, I.S.M. Radzuan , S.Mohamed , **M.A.N. Masrom**, G.K. Goh,(2021) Assessing the social value of “New Permanent Housing” (Rumah Kekal Baharu) RKB projects in Kg. Kemubu and Kg. Peria, Kuala Krai, Kelantan: An application of Social Return on Investment (SROI), *Proceedings of Malaysian Technical Universities Conference on Engineering and Technology (MUCET)*
- **Md Asrul Nasid Masrom**, Chong Bak Ying, Sulzakimin Mohamed, Azlina Md Yassin, Seow Ta Wee, Roziha Che Haron, Melissa Chan (2021) Determining Critical Contributory Factors of Payment Default In Residential Construction Projects, *INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING (IJIE)*, UTHM , 11, 200, ISSN:2229-838
- **Md Asrul Nasid Bin Masrom**, Melissan Chan, Shahidi (2021) Government Green Procurement In Sustainable Infrastructure Development, *INTERNATIONAL JOURNAL OF REAL ESTATE STUDIES (INTREST)*, UTHM , 12, 7, ISSN:22317643
- Nagwan Abdulwahab Alqershi, Wan Fauziah Wan Yusoff, **Md Asrul Nasid Bin Masrom**, Sany Sanuri Mohd Mokhtar, Mohammed AIDoghan (2021) Intellectual Capital And Performance of Automotive Manufacturers: The Role Of Strategic Thinking, *INTERNATIONAL JOURNAL OF PRODUCTIVITY AND PERFORMANCE MANAGEMENT*, EMERALD PUBLISHING, 8, 21, ISSN:17410401
- Mohamed Yusuf Wayrah, Norliana Binti Sarpin , Sulzakimin Mohamed, **Md. Asrul Nasid Masrom** (2021) The Impact of Material Management On Construction Project Delivery In Somalia, *JOURNAL OF TECHNOLOGY MANAGEMENT AND BUSINESS*, UTHM , 6, 59, ISSN:22897224
- M Sulzakimin, **M A N Masrom**, R Hazli, A A Adaji, TW Seow and A R Mohd Hilmi Izwan (2020), Benefits for Public Healthcare Buildings towards Net Zero Energy Buildings (NZEBS): Initial Reviews, *IOP Conf. Ser.: Mater. Sci. Eng.* 713 012042

- M S N Lee, **M A N Masrom**, S Mohamed, KC Goh, N Sarpin and N Manap (2020), Examining Risk as Guideline in Design Stage for Green Retrofits Projects: A Review, IOP Conf. Ser.: Mater. Sci. Eng. 713 012043
- Skitmore, M, Xiong, B., Xia, B., **Masrom, M.A.N**, Newton, S. (2020), Relationship between contractor satisfaction and project management performance, Construction Economics and Building (formerly known as the Australasian Journal of Construction Economics and Building [AJCEB]) (SCOPUS INDEXED)
- Roy Hazli Abdellah, **Md Asrul Nasid Masrom (2019)**, Exploring the Barriers of Net Zero Energy Buildings (NZEBS) Implementation in Malaysia: Perception of Malaysian Construction Practitioners, International Journal of Integrated Engineering, UTHM; 9, 10
- Kai Chen Goh, Nur Syahidah Said, Hui Hwang Goh, Ta Wee Seow, Sulzakimin Mohamed, **Md Asrul Nasid Masrom (2019)**, Customers Intention Towards Green Hotel Practice in Malaysia, Malaysian Journal of Consumer and Family Economics
- Naser Yassin Al Hammadi, **Md Asrul Nasid Bin Masrom**, Sulzakimin Mohamed (2019), Happiness of Oil and Gas Industry Employees In Relations to Productivity: Abu Dhabi, UAE, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-5C, May 2019 India.
- **Md Asrul Nasid Masrom**, Norsyamimi Eahwan, Mohd Norfian Alifiah, Goh Kai Chen, Sulzakimin Mohamed (2018), An Initial Investigation of The Relationship Between Capital Structure and Firm Performance Among Large (G7) Construction Companies: A Conceptual Framework, Journal of Advanced Research in Dynamical and Control Systems, Elsevier, 8, 29, ISSN:1943
- Roy Hazli Abdellah, **Md. Asrul Nasid Masrom**, Goh Kai Chen, Sulzakimin Mohamed, Norpadzlihatun Manap (2018), Investigating Benefits of Net Zero Energy Buildings (NZEBS) For Healthcare Buildings: Preliminary Findings From Architect's Perspective, Malaysian Construction Research Journal, CREAM, CIDB , 8, 2, ISSN:19853807
- Azlina Md. Yassin, **Md. Asrul Nasid Masrom**, Mohd. Najib Mohd. Razali, Yasmin Mohd. Adnan (2018), Policy Available and Sustainable Waterfront Development, Planning Malaysia Journal, Malaysian Institute of Planners, 8, 397, ISSN:01280945
- **Masrom, M.A.N.**, Rahim, M.H.I.A., Ann, S.C., Mohamed, S., Goh. K.C., Yassin, A.M. (2017), Determining Barriers in Sustainable Refurbishment Projects: Commercial Building Owner Perspectives, Journal of Malaysian Institute of Planners, Planning Malaysian Journal, 11, 1, ISSN: 16756215

- Goh, K.C., Goh, H.H., Aaron, B.K.Y., **Masrom, M.A.N.**, & Mohamed, S. (2017), Barriers and Drivers of Malaysian BIPV Application: Perspective of Developers, *Procedia Engineering*, Elsevier Ltd, 1, 1, ISSN: 1877058
- Ali Alaffad and **Md Asrul Nasid Masrom (2017)**, Knowledge management framework for the collaborative innovation projects: A case of aviation industry in the UAE, *International Journal of Advanced and Applied Sciences*, 5(2) 2018, Pages: 76-80
- Yunus, R., Abdullah, A.H., Yasin, M.N., **Masrom, M.A.N.**, Hanipah, M.H. (2016), Examining Performance of Industrialised Building System (IBS) Implementation Based on Contractor Satisfaction Assessment, *Journal of Engineering and Applied Sciences*, Asian Research Publishing Network (APRN), 3,3376, ISSN:1819-6608
- **Masrom, Md Asrul Nasid**, Abd. Rahim, Mohd. Hilmi Izwan, Mohamed, Sulzakimin, Chen, Goh Kai and Yunus, Riduan (2015) Succesful Criteria for Large Infrastructure in Malaysia. *Procedia Engineering*. Vol. 125, 2015, Pages 143-149
- Xiong, B., Skitmore, M., Xia, B., **Masrom, M.D.**, Yee, K., and Bridge, A. (2014) Examining the influence of participant performance factors on contractor satisfaction: A structural equation model. *International Journal of Project Management*.
- **Masrom, Md Asrul Nasid**, Skitmore, Martin and Bridge, Adrian (2013) Determinants of contractor satisfaction. *Construction Management and Economics*. Vol.3 (7). 761-779.

International Conference Proceedings

- MR Omar, MAN Masrom, S Mohamed, J Ahamad (2022), Reviewing Challenges of Drone Technology Application Amongst Contractor G7, *Research in Management of Technology and Business*.
- AM Yassin, MY Yahya, H Masram, H Shafii, MAN Masrom (2022), Real estate developers brand affecting buyers' purchasing decision on residential property, *AIP Conference Proceedings*.
- AM Yassin, MY Yahya, H Shafii, MAN Masrom (2022), The Impact of COVID-19 Pandemic on Occupancy Rates in Kluang Mall Commercial Centre, *International Journal of Property Sciences*
- SN Norzaki, MAN Masrom (2022), The Consequences of Residential Project's Delay on Architects and Contractors during Pandemic COVID-19, *Research in Management of Technology and Business*.
- N F N Mohamad , M Fahmy-Abdullah , M A N Masrom(2021), Transit Oriented Development (TOD) typology, *IOP Conf. Series: Earth and Environmental Science* 736 (2021) 012037

- Kai Chen Goh, Aaron Boon Kian Yap, Ta Wee Seow, Md Asrul Nasid Masrom, Hui Hwang Goh, Jia Sin Tey **(2015)**, Strategies in Dealing with Cost Overrun Issues: Perspective of Construction Stakeholders, *InCIEC 2014* pp 189–198
- Masrom, Md Asrul Nasid, Skitmore, Martin and Bridge, Adrian **(2011)** The identification of Malaysian contractor satisfaction dimensions: A strategy for continuous improvement. In: Proceedings of The 4th International Conference on Construction Engineering and Project Management, 16-18 February 2011, Marriott Hotel, Sydney.
- Masrom, Md Asrul & Skitmore, Martin **(2010)** Developing a conceptual model for measuring the satisfaction levels of Malaysian contractors. In: Full Paper Proceedings - CIB 2010 World Congress, 10th - 13th May 2010, The Lowry, Salford Quays, Manchester.
- Masrom, Md Asrul & Skitmore, Martin **(2010)** A new approach to assessing Malaysian contractor satisfaction levels. In: Proceedings of PM-05 - Advancing Project Management for the 21st Century, 29-31 May 2010, Moevenpick Resort & Thalasso Hotel, Heraklion, Crete Island, Greece.
- Masrom, Md Asrul & Skitmore, Martin **(2009)** Conceptual models of satisfaction level in construction. In: The Second Infrastructure Theme Postgraduate Conference: Conference Proceedings, 26 March 2009, Queensland University of Technology, Brisbane, Queensland.
- Masrom, Md Asrul Nasid **(2009)** Attributes influencing Malaysian contractor Satisfaction. In: Proceedings of the First International Postgraduate Conference on Infrastructure and Environment, 4th – 6th June 2009, Faculty of Construction and Land Use, The Hong Kong Polytechnic University, Hong Kong

Book

- Masrom, M.A.N (2017), *Evolusi Kaedah Pengukuran Kepuasan Dalam Industri Binaan (The Evolution of Satisfaction Measurement in Construction Industry)*, UTHM Publisher. ISBN:978-967-2110-41-5

Book chapter

- Mohammad Syabillee N L, Sulzakimin M, Md Asrul Nasid M, Roshartini O, Norliana S, *Kajian Awal Penyiasatan Risiko Di Peringkat Pra-Awalan Pembinaan Untuk Projek `Retrofit Hijau Bagi Bangunan Komersil, Penyelenggaraan & Baikpulih - Alam Bina Siri 2, 2021, 9789672975465,*
- Roshartini Omar, Malihah Syafiqah Mohamad Saidi, Norliana Sarpin, Md Asrul Nasid Masrom, *Kesediaan Perunding Dan Klien Dalam Membina Bangunan Tahan Gempa Bumi Di Malaysia, Penyelenggaraan & Baikpulih - Alam Bina Siri 2, 2021,, 9789672975465,*

- Md Asrul Nasid Masrom, Muhammad Ammar Mohd Rosli, Cabaran Dalam Pelaksanaan Penilaian Impak Alam Sekitar (Eia) Bagi Pembangunan Tebingan Di Forest City, Johor, Dilema Pengurusan Persekitaran Pembinaan, **2020**,,9789672389736,
- Mohd Dzul Nizam Assrens Bahar, Norliana Sarpin & Md Asrul Nasid Masrom, Kajian Penyelenggaraan Jalan Raya Disebabkan Sink Hole Di Johor Bahru, Penyelenggaraan & Baikpulih Alam Bina - Siri 1, **2020**,,9789672389965,
- Nor Athirah Abu Bakar, Md Asrul Nasid Masrom, Sulzakimin Hj Mohamed, Penyelenggaraan Struktur Penahan Cerun Rock Shed: Langkah Mitigasi Runtuhan Tanah Di Simpang Pulai - Blue Valley, Perak, Penyelenggaraan Dan Baikpulih: Alam Bina Siri 1, **2020**,,9789672389965,
- Mohamad Hibatullah Zakaria, Sulzakimin Hj Mohamed, Md Asrul Nasid Masrom, Perbandingan Kepuasan Penghuni Terhadap Penyelenggaraan Fasilitas Perumahan Bertingkat Di Pantai Dalam Kuala Lumpur, Penyelenggaraan & Baikpulih : Alam Bina. Siri 1, **2020**,,9789672389965,
- Riduan Yunus, Siti Rahimah Mohd Noor, Syed Mohammad Syahir Syed Mazlan, Muhammad Fikri Hasmori, Md Asrul Nasid Masrom **(2018)** Lean Construction In Industrialised Building System (IBS) Implementation: A Case Study, Sustainable Construction And Building Technology (Series 2), UTHM , 1, ISBN:9789672216391
- Riduan Yunus, Siti Rahimah Mohd Noor, Syed Mohammad Syahir Syed Mazlan, Muhammad Fikri Hasmori, Md Asrul Nasid Masrom, Lean Construction In Industrialised Building System (lbs) Implementation: A Case Study, Sustainable Construction And Building Technology (Series 2), **2018**,,9789672216391,
- Peniel And Soon Ern, Narimah Kasim, Md Asrul Nasid Masrom, Goh Kai Chen, Overcoming Ict Barriers In lbs Management Process In Malaysia Construction Industry, The Spearheading Of Industrialised Building System (lbs) In Malaysia Series 1, **2018**,,9789672216018,
- Masrom, Md Asrul & Skitmore, Martin **(2010)** Sustainability performance of construction: conceptual models of satisfaction levels in construction projects. In: Yigitcanlar, Tan (Ed) Rethinking Sustainable Development: Urban Management, Engineering, and Design. Premier Reference Source. IGI Global, Engineering Science Reference, Hershey, PA, pp. 286-295. ISBN:9781616920227
- Md Asrul Nasid Masrom, Sustainability Performance Of Construction: Conceptual Models Of Satisfaction Levels In Construction Projects, Rethinking Sustainable Development: Urban Management, Engineering, And Design, **2010**,,9781616920227

Article in the newspaper

- Tepatkah penerapan Carbon Footprint dalam Carbon Procurement untuk tahun 2025? (Is the implementation of Carbon Footprint in Carbon Procurement for 2025 appropriate?), AWESH. Id (**3 Mac 2025**)
- Kemenjadian Mahasiswa Holistik Dalam Arus Digital-Bukan Sekadar Cemerlang Akademik (Becoming a Holistic Student in the Digital Current - Not Just Academic Excellence), Harian Metro, (**7 Oktober 2024**)
- Transformasi Masa Depan Industri Pembinaan (Transformation of future for construction industry), Utusan Malaysia, (**30 September 2024**)
- Teknologi Perolehan Pintar Bantu Sektor Binaan Telus (*Smart Procurement Technology Helps Transparent Construction Sector*), Utusan Malaysia, (30 October **2023**)
- Kerajaan perlu teliti kaedah runding terus untuk elak kroni (*The government needs to study the method of direct negotiations to avoid cronies*), Berita Harian, (January **2023**)
- Cabaran penggunaan applikasi digital dalam industri pembinaan (*The challenges of using digital applications in the construction industry*), Utusan Malaysia, (December **2022**)
- Kawalan harga bahan binaan bantu kontraktor "bernafas" semula (*Price control of building materials help contractors 'breathe' again*), Berita Harian. (Nov **2022**)
- Cabaran permohonan lanjutan masa projek binaan dalam era endemik (*Challenges in Extension of Time application during endemic*), Utusan Malaysia (Mei **2022**)
- Anak estet ligat bantu pelajar Pascasiswazah di Australia (*Proactive estate children help postgraduate students in Australia*), Utusan Malaysia (September **2021**)
- Kajian kepuasan pemaju pembeli rumah perlu dipertingkatkan (*Home buyer and developer satisfaction survey needs to be enhanced*), Berita Harian, (Oktober **2021**)
- Ahli Akademik perlu kreatif dan inovatif dalam bantu masyarakat (*Academics need to be creative and innovative in helping the community*), Berita Harian (Oktober **2021**)
- Latihan Industri menuntut mahasiswa amal normal baharu (*Industrial Training demands new normal charity students*), Berita Harian (14 Julai **2020**)
- Usaha perkasa pembinaan hijau (*Mighty green construction efforts*), Berita Harian (12 Ogos **2020**)
- Pengalaman belajar di luar negara (*Study abroad experience*), Sinar Harian, (**2019**)
- 5 Rahsia Kelebihan Menjadi Sukarelawan Mahasiswa (*5 Secrets of the Benefits of Being a Student Volunteer*), KOSMO (**2019**)

- Performa.my nilai projek secara digital (*Performa.my digital project value*), Berita Harian 26 September **(2019)**
- Kepuasan Komuniti Ukur Prestasi Projek (*Community Satisfaction Measures Project Performance*), Berita Harian, 9 November **(2019)**
- Impak Media Digital- Apakah Kesannya Kepada Hasil Tugasannya Siswa? (*Impact of Digital Media- What is the Impact on Student Assignment Results*), Sinar Harian **(2018)**
- 6 Rahsia jadi mahasiswa cemerlang (*6 Secrets to becoming an excellent student*), Sinar Harian **(2018)**
- 8 Tip jadi usahawan siswa cemerlang (*8 Tips to become a brilliant student entrepreneur*), Sinar Harian **(2018)**
- 9 tip jalani Latihan Industri dengan Cemerlang (*9 tips to undergo Industrial Training with Excellence*), Sinar Harian **(2018)**

SUPERVISION & EXAMINERS (Postdoctoral Researcher, PhD, Master's)

- 1 Postdoctoral Researcher (Completed for 2 years)
- 8 PhD (1 completed, 7 ongoing)
- 3 Master's (2 completed, 1 ongoing)
- 5 External Examiners (PhD)
- 4 External Examiners (Master by Research)

ACADEMIC AND NON-ACADEMIC ACTIVITIES (2009-2025)

Year 2025

- **External Academic Advisor** for the School of Architecture, Building and Design, Bachelor of Science (Hons) in Sustainable Digital Construction Management programme
- **External Assessor Panel** for Final year project (2nd year), Program Construction Technology, Kolej Vokasional Kluang
- **Speaker** of the Workshop on Writing a Research Proposal, Organised Centre of Language Study, UTHM
- **Speaker** for the Agri-ambassadors launch program organized by the Centre for Sustainable Small-Owner (CSS)
- **Doctoral Research Student Thesis Examiner** for AP991 - Doctor of Philosophy (Built Environment)
- **Thesis Examiner** for master's degree Research Students for AP781 - Master of Science (Built Environment)

Year 2024

- **Keynote Speaker** IGRESAFE2024

- **External Evaluation Panel** for MQA Audit Evaluation of UITM Program Compliance (Phd in Design and Built Environment), UITM Perak (May 2024)
- **Guest lecturer**, Research Methodology, UBP Krawang, Indonesia (May 2024)
- **Endowment Introducer** RM3000 Construction Week 17.0
- **Speaker** for National Training Week 2024 (NTW2024)
- **Gold Winner**-RISE 2024
- **Guest Lecturer** (Project Management)- Victoria University (October 2024)
- **External Evaluation Panel** for MQA Audit Evaluation of UITM Program Compliance (Master and PhD in Built Environment), UITM Shah Alam, October 2024
- **Keynote Speaker** INNOVATE 2024, USIM (September 2024)
- **Speaker**, How to Develop a good research Proposal, UITM Sarawak (April 2024)
- **Speaker**, How to Develop a good research Proposal, UITM Perak (July 2024)
- **Speaker**, How to Develop a good research Proposal, UITM Melaka (May 2024)
- **External Evaluation Panel** for MQA Audit Evaluation of UITM Program Compliance - Master of Science in Green Architecture, Mara Technology University (UITM) Perak Branch Seri Iskandar Campus. (15-31 March 2024)
- **Speaker** of SABE Webinar Series, organised by School of Architecture and Built Environment, UCSI (19 March 2024)
- **Participant** of Academic Visit, IBS Centre CIDB Malaysia, 13 Feb 2024
- **Panel** of Academic Program Review (Construction Technology), Vocational College (Kluang), 5 Feb 2024
- **Participant** of Level Up Your Project Management Knowledge and Skills, 3 January 2024, organised by PMO Innovation Sdn. Bhd.

Year 2023

- **Keynote Speaker** for 2nd International Conference on Biodiversity and Sustainable Development (iBIOSDG 2023) & SDG Innovation Competition, 29 November 2023, organised by Institute for Biodiversity and Sustainable Development (IBSD), UITM
- **Winner** of Industrial Awards, International Research and Innovation Symposium and Exposition 2023, organised by UTHM (Project Member)
- **Assessor** for Project case study (MPC12204), Master of Construction technology Management (MPC), Sem 3, 2022/2023
- **Committee Members** of External Examiner for Posgraduate Program at FPTP (20 & 21 September 2023)
- **Speaker** for Ethics in Public Speaking Workshop (*Bengkel Pengucapan Awam*), organised by UTHM (19 September 2023)

- **Participant** of *Embracing Digital Technology Forum*, 6 September 2023, Wednesday, 8AM - 5PM, Pulai Springs Resort, Johor Bahru
- **Participant** of *Asean Procurement Innovation Summit- Asean Procurement Innovation Summit*, taking place on 22nd -23rd August 2023 at the Royale Chulan Kuala Lumpur
- **Participant** of "Microsoft Excel Associate Certification-Association" organised by Akademi Inteltek Dan Data Analitik (Ai.Da), Universiti Tun Hussein Onn Malaysia (UTHM) on 7-8 August 2023
- **Participant** of "Microsoft Power Platforms Fundamentals" course at Akademi Inteltek dan Data Analitik on 4 Aug 2023
- **Speaker** of Guest Lecture Programme for Construction Management Students on Project Management Practice (*Title: Project Integration Management*), organised by College of Sport, Health and Engineering, VICTORIA UNIVERSITY, AUSTRALIA, (6th July 2023)
- **Reviewer** of ICLCA23, Paper Entitled "*Sustainable Success Framework of Value Management/Value Engineering in Malaysian Public Housing Projects: Research Methodology*" International Conference on Low Carbon Asia 2023 (July 2023)
- **Reviewer** of ICLCA23, Paper Entitled "*Development of Community-Based Three-Dimensional Printed Weather and Hydrologic Monitoring System with Cloud Data Storage*" International Conference on Low Carbon Asia 2023 (July 2023)
- **Speaker** of Collaborative Teaching for DBE923 (Research Methodology), Semester March-August 2023 (July 2023)
- **Speaker** for Public Speaking Workshop (*Bengkel Pengucapan Awam*), organised by Sekolah Menengah Tengku Mahkota (21 June 2023)
- **Guest Speaker** for Postgraduate Symposium 2023, organised by Faculty of Creative Multimedia (FCM), Multimedia University (MMU) (15 June 2023)
- **Committee Members** of Tender Evaluation for works at UTHM (Jun 2023)
- **Finalist** Innovation Pitch Competition (*Category: Data Analytic and IoT*) CHES (Collaboration with Higher Education Strategic Institution) Symposium 2023, organised by PETRONAS (3 June 2023)
- **Evaluator** of Intellectual Property (IP) Registration, UTHM. (16 May 2023)
- **Contestant/ Exhibitor** of International Invention, Innovation & Technology Exhibition (ITEX 2023) (11-13 May 2023)
- **Book Reviewer** entitled: *Time to write persuasively – a guide for ambitious researchers*. KLG Communications Pty Ltd (Based in Brisbane)
- **Participant** of UTHM Leadership Development Programme-Leader Course (ULead), Modul 1 (Leading with integrity and Ethics) (9 May 2023)
- **Evaluator** for Intellect Property (IP) Application. Organised by Innovation and Commercialization Centre, UTHM. (May 2023)
- **Evaluator** for Product Innovation Competition. Organised by Innovation and Commercialization Centre, UTHM. (April 2023)
- **Guest Speaker** of CCD-CIDB Training Program, Organised by Seri MyRose Resources (SR Consultant & Training Academy)
- **Taskforce Members** of Tun Razak Exchange (TRX) Project, (March 2023)

- **Committee Members** of Income Generation and Commercialisation UTHM (February 2023)
- **Evaluator** for Fundamental Research Grant Scheme (FRGS), UTHM (March 2023)
- **Career Facilitator** of Education Fair 2023, organised by Kolej Professional MARA, Melaka (22 February 2023)
- **Guest Lecturer** for Program PhD Design and Built Environment (AP992) (*Title: How to Write a Good Thesis*), Organised by UITM Perak Branch (February 2023)
- **Evaluator of Research Product** for external exhibition/competition (January 2023)
- **Guest Lecturer** for Collaborative Teaching (DBE923 Research Methodology 2), Semester October 2022, Organised by UITM Perak Branch (28 January 2023)
- **Committee member** of Sustainable School Program 2023, organised by Sekolah Kebangsaan Tunku Mahmood 1, Kluang, Johor

Year 2022

- **Participant** of MSA INTERNATIONAL SYMPOSIUM 2022, organised by Metro System Academy (MSA), UTHM (12 December 2022)
- **Chairman** of Malaysia Quality Assurance (MQA) Committee for Master of Industrial Management (MPE) Audit MQA02 (1 January-31 December 2022)
- **Expert Reviewer** of Workshop on the formation of questionnaire items and instruments for the study of "The Development of a Model Framework for Addressing Religious Deficits in Communities Feeling the values and practices of spirituality" (7 November 2022)
- **Member** of the Academic Program Generation and Commercialization Taskforce, UTHM (Commencement date on 1st November 2022)
- **Participant** of Training - *FUNDAMENTAL OF HOW TO INNOVATE PRODUCTS AND SERVICES*, organised by UTHM Education and Training (UET), Speaker: Dr. Laban Asmar, Fraunhofer Institute for Mechatronics (1&2 November 2022)
- **Speaker** for The PhD Journey: Up Close and Personal with Dr Asrul Masrom Faculty of Industrial Management, **University Malaysia Pahang (UMP)** (13 October 2022)
- **Tender Evaluation Committee Member** for Universiti Tun Hussein Onn Malaysia (UTHM) No. 3/2022
- **Tender Evaluation Committee Member** for Universiti Tun Hussein Onn Malaysia (UTHM) No. 2/2022
- **Speaker** of Motivation Programme "Mendepani Demam Peperiksaan Demi Sebuah Kejayaan (*Facing Exam Fever for A Success*)" for Form 5 students Sekolah Menengah kebangsaan Paloh, Kluang (26 October 2022)
- **Speaker** for Training with Contractors entitled "Tendering process and Contract Administration", (29 October 2022)

- **Participant** of UTHM LEADERSHIP DEVELOPMENT PROGRAMME - ULEAD (Strategic Thinking and Risk Management), Organised by UTHM (21 September 2022)
- **Participant** of PERFORMANCE MANAGEMENT TRAINING, organised by UTHM (21 & 22 September 2022)
- **Participant** of WEBINAR: IR 4.0 IMPLEMENTATION FOR SUSTAINABLE SAFETY MANAGEMENT, organised by UTHM (4th July 2022)
- Members of Research Group- Green Safe Cities (GreSafe), **Universiti Teknologi Mara (UiTM) Shah Alam** (1 September 2022-31 January 2024)
- **Members** of National Professor Council (Majlis Professor Negara) Membership Number: MPN14092
- **Speaker** for Writing Journal and Proceedings Week, Fakulti Senibina, Perancangan dan Ukur (FSPU), **Universiti Teknologi Mara (UiTM) Shah Alam** (5 September 2022)
- **Participant** for a Workshop: Report Preparation for Memorandum of Understanding (MoU) Between Public Work Department (PWD) Malaysia with Malaysia Public Universities- Building Information Modelling (BIM) Implementation, **PJD Building Kuala Lumpur** (29-30 August 2022).
- **Panel discussant** at the International Design and Architecture Postgraduate Colloquium (IDAPC) 2022, Co-organized by the Universiti Putra Malaysia (UPM) and Universitas Gadjah Mada, Indonesia (UGM). The main theme of IDAPC 2022 is 'Towards Resilient Futures' where it intends to further delve into "Empowering Innovation, Well-Being and Cultural Sustainability", (1-2 August 2022)
- **Speaker** for "The PhD Journey: Up Close and Personal with Dr Asrul Masrom" Faculty of Creative Multimedia, **Multimedia University (MMU), Cyberjaya** (14 July 2022)
- **Speaker and Panel** for Kursus Pengucapan Awam (Public Speaking Course) anjuran Jabatan Agama Islam Negeri Johor, Malaysia (5-7 July 2022)
- **External Examiner (PhD)**, Olalekan Olaolu Titus, Faculty of Built Environment, UTM (7 July 2022)
- **Speaker and Panel** for Klinik Persiapan Kerjaya (Clinic of Job Preparation), entitled Get Ready for Hired, organised by Centre of Career and Alumni UTHM **Universiti Tun Hussein Onn Malaysia (UTHM)** (28-29 June 2022)
- **Speaker** for "The PhD Journey: Up Close and Personal with Dr Asrul Masrom" Fakulti Senibina, Perancangan dan Ukur (FSPU), **Universiti Teknologi Mara (UiTM) Shah Alam** (24 June 2022)
- **Speaker** for Postgraduate Talk Series 2022 entitled "Secrets of Success in PhD Journey (KISSES APPROACH 2.0 and DIIP APPROACH)" Faculty of Technology Management and Business, **Universiti Tun Hussein Onn Malaysia (UTHM)** (26 May 2022)
- **Speaker** for FSPU Postgraduate Talk Series 01/2022 entitled "How To Prepare a succesful research proposal" Fakulti Senibina, Perancangan dan Ukur (FSPU), **Universiti Teknologi Mara (UiTM) Cawangan Sarawak** (8 April 2022)
- **Coordinator** for Memorandum of Agreement (MoA) with Juru Wajar Sdn. Bhd. (Contractor G7), Research Structured Internship Programme (Re-SIP), RM40,000.00

- **Coordinator** for Memorandum of Agreement (MoA) with Universiti Malaysia Kelantan, Universiti Utara Malaysia & Universiti Malaysia Pahang, Collaborative Research Grant (CRG), RM40,000.00
- **Reviewer** of an article entitled "Quantitative assessment of the dispute occurrence likelihood in PPP projects using fault tree analysis" for Building (MDPI Publisher) (March 2022)
- **Reviewer** of an article entitled "Understanding Green Environment Practices Through Local Authorities Perspectives" for Competitiveness Review (Emerald Group Publishing) (7 February 2022)
- **Reviewer** of an article entitled "Building Construction Clients' Design Consultant and Contractor Selection Criteria vs. Post-Occupancy Satisfaction Levels " for SAGE Open (SAGE Publishing) (31 January 2022)
- **Panel** for "Final Year Project Presentation and Seminar Paper", organised by Faculty of Industrial Management, Universiti Malaysia Pahang (UMP). (17-21 January 2022) (10 students)
- **Member** of Taskforce for improving the implementation of Research Enhancement-Graduate Grant (REGG) and PhD Industry, UTHM (1 January 2022-31 October 2022)
- **Supervisor** of Post Doctoral Fellow (Dr. Chukwuka Christian Ohueri) at UTHM (2 years)
- **Speaker** Webinar entitled "Program Pemantapan Aspirasi: Sesi Motivasi Mengenal Kebolehan dan Potensi Swadiri (Dare to be different)" organised by Towering Personality Unit, Kolej Profesional Ayer Molek, Melaka. (15 January 2022)
- **Member** of the university rating committee, UTHM (1 May 2021-30 Jun 2023)
- **Mentor** for **QUT Mentoring Programme** and Career Mentoring Program at the Faculty of Engineering (across engineering, architecture, built environment and urban development) (2021-2024)

Year 2021

- **Speaker** Webinar entitled "Bijak Bicara: Resepi Komunikasi Berkesan" organised by Towering Personality Unit, Kolej Profesional Ayer Molek, Melaka. (28 December 2021)
- **Speaker** of Webinar entitled "Secrets of Dealing with Your Supervisor" organised by FSPU and ANBER, UITM Shah Alam. (17 Dis 2021)
- **Jury** of Exhibition & Competition -*New Academia Learning Innovation 2021 (NALI2021)*, organised by Universiti Teknologi Malaysia (UTM) Online (6-8 December 2021)
- **Reviewer** of an article entitled "Drawing a path towards circular construction: from the key roles of stakeholders and the guiding principles for industry to the definition of sustainable practices at the construction site" for Sustainability (MDPI Publisher) (November 2021)

- **Reviewer** of an article entitled "A Study on Prevention Cost Components Priorities for Urban Rail Infrastructure Projects", International Jurnal of Sustainable Construction Engineering and Technology (IJSCT) (28 November 2021)
- **Reviewer** of an article entitled "Neighborhood micro-renewal: A perspective of gene in China", Engineering, Construction, Architectural Management Journal, (29 October 2021)
- **Panel** for "Anugerah Inspirasi Cendekiawan (AIC) – Category (The best book of Sciences and Medical Technology, The best book of Humanities and Science Social and Journal UTHM
- **Panel** for Intellectual Property Registration Evaluation, UTHM (14 November 2021)
- **Moderator** for ICON TALK Program- "Addressing the climate change crisis in a post-pandemic world" (9 September 2021)
- **Member** for Consultation Evaluation Committee, UTHM
- **Editor** for Journal of Technology Management (Special Edition- ICONBEE2021)
- **Speaker** of Webinar entitled "How to develop a good research proposal". Organised by FPTV, UTHM Parit Raja, Batu Pahat. (20 June 2021)
- **Speaker** of Webinar entitled "Tips and tricks- Publish in high impact journal". Organised by FSPU, UITM Shah Alam, Selangor. (11 June 2021)
- **Speaker** for Kursus "Pembangunan Soalan Kepuasan Pelanggan", Organised by CAD, **Universiti Tun Hussein Onn Malaysia (UTHM)** (8 June 2021)
- **Speaker**, "Kursus Kemahiran Penyeliaan Berkesan", organised by Pengajian Umum Dan Kokurikulum (PPUK), UTHM (3 June 2021)
- **Speaker** for Postgraduate Talk Series entitled "How To Write A Good Thesis (KISSES Approach)", Fakulti Pengurusan Teknologi dan Perniagaan (FPTP) and UTHM Education Training Sdn. Bhd (UET), **Universiti Tun Hussein Onn Malaysia (UTHM)** (30 May 2021)
- **Speaker** for FSPU Postgraduate Talk Series 01/2021 entitled "How to Write A Good Thesis (KISS Approach)", Fakulti Senibina, Perancangan dan Ukur (FSPU, **Universiti Teknologi Mara (UiTM)** (3 April 2021)
- **Judge** of the YOUNG INVESTIGATOR AWARD at the **YSN-ASM International Scientific Virtual Conference (ISVC) 2021**, Track B: Business Economics, 30 March- 1 April 2021
- **Reviewer** for the YSN-ASM International Scientific Virtual Conference (ISVC) 2021, Track B: Business Economics
- **Speaker** for Knowledge Sharing Session entitled "Memproduksi Penyelidikan Sains Sosial: Idea dan Strategi kea rah pendaftaran Harta Intelek", Fakulti Pendidikan Teknikal dan Vokasional (FPTV), UTHM (31 March 2021)
- **Speaker** for Knowledge Sharing Session entitled "Memproduksi Penyelidikan Sains Sosial: Idea dan Strategi Digital, Pusat Inovasi dan Pengkomersialan" (*Innovation and Commercialisation Centre*), **Universiti Utara Malaysia (UUM)** (21 Februari 2021)

- **Speaker** for FRSB Postgraduate Talk Series 01/2021 entitled “How To Write A Good Thesis (KISS Approach)”, Fakulti Rekabentuk dan Seni Bina (FRSB, **Universiti Putra Malaysia (UPM)**) (15 Februari 2021)

YEAR 2020

- **Speaker** for FFTP Postgraduate Talk 2020 entitled “Waze to Success: DOs and DON'Ts” for Master and PhD students, **Faculty of Technology Management and Business, UTHM** (3 December 2020)
- **Organiser** For FFTP Online Knowledge Sharing Session 2020 entitled “Turning Innovative Idea into Invention Product: A Researcher's Journey And Reflection”, **Faculty of Technology Management and Business, UTHM** (25 November 2020)
- **Guest Lecturer** on How to write a literature review organised by **Faculty of Arts and Design, UiTM Shah Alam** (16 November 2020)
- **Speaker** for Webinar Pembangunan Soalan Kajian Kepuasan Pelanggan Anjuran Jabatan Pengurusan Kualiti Institusi, **Pusat Pembangunan Dan Latihan Akademik (CAD), UTHM** (30 September 2020)
- **Speaker** for Kursus Pengucapan Awam Guru-guru Sekolah Agama Negeri Johor, **Majlis Agama Islam Negeri Johor (MAINJ)** (8-10 September 2020)
- **Moderator** for Webinar Post COVID19 Strategic Plan for Construction Industry: Challenges & Solutions, Organised by **Industry Community Relations Centre (ICRC), UTHM and Sustainable Infrastructure Management (SIM), FFTP**, 15 Julai 2020, 10.00am-12.30pm
- **Speaker** for Online Knowledge Sharing Session with Postgraduates students (2nd Series)- Resepi Lulus PhD (MUST), Organised by Associate Professor Dr Norfadilah Kamaruddin, **Faculty of Art and Design, UiTM Shah Alam**, 13th May 2020, 10.30am-12.00pm (CSR Program)
- **Speaker** for Online Knowledge Sharing Session with Postgraduates students (1st Series)- Rahsia Tulis Tesis Mudah-Keep It Simple Scholar (KISS), Organised by Associate Professor Dr Norfadilah Kamaruddin, **Faculty of Art and Design, UiTM Shah Alam**, 27th April 2020, 10.30am-12.00pm (CSR Program)
- **Speaker** for Knowledge Sharing Session with PhD candidates (2nd Series)- Secret of writing an excellent thesis-Keep It Simple Scholar (KISS), **College of Business, RMIT University**, 28th February 2020 (CSR Program)
- **Speaker** for Knowledge Sharing Session with PhD candidates (2nd Series)- Secret of writing an excellent thesis-Keep It Simple Scholar (KISS), **Faculty of Architecture, Building and Planning, Melbourne School of Design, University of Melbourne**, 12th December 2019 (CSR Program)
- **Speaker** for Knowledge Sharing Session with PhD candidates (1st Series)- Secret of writing an excellent thesis-Keep It Simple Scholar (KISS), **Faculty of Architecture, Building and Planning, Melbourne School of Design, University of Melbourne**, 2nd December 2019 (CSR Program)
- **Speaker** for Knowledge Sharing Session with PhD candidates- Secret of writing an excellent thesis- Keep It Simple Scholar (KISS), **College of Business, RMIT University**, November 2019 (CSR Program)
- **Participant** of Local Jobs First Supplier Event- Local Jobs First Policy and the Social Procurement Framework by **Industry Capability Network**

(Victoria), Sunshine Convention Centre, 460 Ballarat Road, Sunshine North, 12th December 2019

- **Participant** of Lean Construction Seminar- Associate Professor Dr Muhamad Abduh from Institut Teknologi Bandung and Dr. Gao Shang from MSD, Room 448/449, 4th Floor, **Melbourne School of Design**, Glyn Davis Building, 5th November 2019
- **Participant** of Chisholm Road Prison Project Briefing by **Industry Capability Network (Victoria)**, Geelong Events Centre, Rydges Hotel, Cnr Myers and Gherringhap Street, Geelong, 15th October 2019
- **Participant** of Essential Communication/Presentation Skills Workshop by organised by **LH Martin Institute, Melbourne Centre for the Study of Higher Education, Melbourne Graduate School of Education, The University of Melbourne, Victoria**, 8th October 2019
- **Participant** of Just Write Better Workshop, organised by LH Martin Institute, **Melbourne Centre for the Study of Higher Education, Melbourne Graduate School of Education, The University of Melbourne, Victoria**, 8th August 2019
- **Participants** of Exemplar Health Industry Briefing, Organised by **Industry Capability Network (ICN)**, Victoria University, Footscray (5th March 2020).
- **Participant**- Discussion on Research Development and Research Proposal Design with Karyn Gonano (Professional English Advisor) and Addussalam (PhD Student, RMIT), **School of Business, RMIT** (2nd March 2020)
- **Participant** for a training on "Foundations of teaching and learning for Graduates Researchers," Organised by **The University of Melbourne** (27th March 2020)
- **Participant** for training on "Facilitating Classroom Discussion", Organised by **The University of Melbourne** (26th March 2020)
- **Participant** for a Research Talk on "Green Structural Adjustment in the World Bank's Climate Change", Organised by **Melbourne Sustainable Society Institute (MSSI)** (25th Feb 2020)
- **Participant** for training on "Your First Class: Getting off to a good start", Organised by **The University of Melbourne** (25th March 2020)
- **Interviewer** for Preliminary Interview with a representative of Metro Tunnel project, **Community Engagement Centre, Melbourne CBD** (20 Feb 2020)
- **Participant** for training on "The Nuts and Bolts of teaching at Melbourne", Organised by **The University of Melbourne** (20th March 2020)
- **Interviewer** for Preliminary Interview with a representative of Northeast Link Project (NELP), **Community Engagement Centre, Watsonia HUB** (13th Feb 2020)
- **Reviewer** of Malaysian Construction Research Journal (MCRJ) Special Issue 2020 (Scopus)
- **Reviewer** of SAINS MALAYSIANA is published monthly by Penerbit UKM (Scopus)
- **Reviewer** of International Journal of Construction Management, Taylor and Francis (Scopus)
- **Reviewer** of Journal of Cleaner Production, Elsevier (Impact Factor:6.395)
- **Reviewer** of Journal of Building Engineering, Elsevier (Impact Factor: 2.738)

- **Reviewer** of Journal of Sustainable Cities and Society, Elsevier (Impact Factor: 4.624)
- **Reviewer** of Journal of Engineering, Construction and Architecture Management (ECAM), Emerald (Impact Factor:2.160)
- **Reviewer** of Malaysian Construction Research Journal (MCRJ) Special Issue 2021, CIDB (Scopus Indexed)
- **Reviewer** of The International Journal of Sustainable Construction Engineering Technology (IJSCT), UTHM (Scopus Indexed)
- **Reviewer** of The International Journal of Integrated Engineering (IJIE), UTHM (Scopus Indexed)
- **Reviewer** of Built Environment Journal (BEJ), UITM Shah Alam (Non-Scopus Journal)
- **Reviewer** of The YSN-ASM International Scientific Virtual Conference (ISVC) 2021, Akademik Sains Malaysia
- **Reviewer** of ZULFAQAR Journal of Defence Management, Social Science & Humanities (JDMSSH), USIM.
- **Judge** for THE 2nd FAST POSTGRADUATE VIRTUAL SYMPOSIUM 2020.
- **Judge** for Exposition Judge International Invention, Innovation & Design Exposition for Built Environment and Engineering 2020

YEAR 2019

- **Speaker /Motivator** for UPSR (Standard 6 National Exam-Primary), Sekolah Kebangsaan Bandar Paloh, 2019
- **Speaker /Motivator** for UPSR (Standard 6 National Exam-Primary), Kluang Convent Girl School, 2019
- **Coordinator** for Project Management (Microsoft Projects) Program, Kolej Vokasional Muar, 2019
- **Coordinator** for Project Management (Microsoft Projects) Program, Kolej Vokasional Segamat, 2019
- **Coordinator** for Project Management (Microsoft Projects) Program, Kolej Vokasional Jasin, Melaka 2019
- **Coordinator** for Academic Visit of UiTM, Cawangan Sarawak (Quantity Surveying Department), 2019

YEAR 2018-2009

- **Speaker /Motivator** for UPSR (Standard 6 National Exam-Primary), Sekolah Kebangsaan Paloh 2, 2018
- **Coordinator** for Building Technology Program, Kolej Vokasional Batu Pahat, 2017
- **MQA Auditor** for Building Technology Program, Kolej Vokasional Kluang, 2016
- **Speaker** for Motivation Talk, Kolej Vokasional Segamat, 2016
- **Speaker** for "Minggu Pengurusan Diri", FIESTKOM 2016, UTHM
- **Head of Facilitator** of Starting School Program, UTHM, 2016/2017
- **Rapporteur** of Mentoring Researcher Program: Writing High Quality Research Proposal organised by AKEPT and UTHM, 25-26 February 2013

- **Speaker** of Research Methodology Workshop organised by FFTP, 15-16 June 2012
- **Specialist** in Clinic for Language, Data Analysis and Writing Thesis at Centre for Graduate Studies of Universiti Tun Hussein Onn Malaysia, Semester I 2012/2013 session
- **Participant** of Seminar on Legal Reforms in the Malaysian Construction Industry organised by CIDB, 4 April 2012
- **Participant** of Seminar on Role of Superintending Officer (SO) in Construction Projects organised by JKR-CIDB, 11-12 July 2012
- **Coordinator** of Entrepreneurship Program (Bazaar Vaganza) at Kluang Mall, April 2018
- **Coordinator** of Community Service Program with 230 Families, UTHM, June 2018
- **Coordinator** of Community Service Program under 10 Daerah Negeri Johor, Kg Shahri, Simpang Renggam, Disember 2016
- **Speaker/ Facilitator** of Motivation Program at Sek. Men. Dato Seth, Yong Peng, Johor, April 2016
- **Coordinator** of Community Service Program Under Jalinan Sekolah Kluster Kecemerlangan Program (SKK) – UTHM, Sekolah Rendah Jenis Kebangsaan Tamil Ladang Pamol, Kluang, Johore
- **Coordinator** of Community Service Program JPP- Sekolah Kebangsaan Seri Manggis, Parit Raja, Batu Pahat, 5 November 2012
- BEE HDR Students Induction (Student Testimonial on LDP **Student Representative** from School of Urban Development)- Three times (2009-2011)
- **Representative** of AIQS QLD and School of Urban Development, BEE, QUT-Tertiary Studies Expo (TSXPO), 17-18 July 2010
- **Representative** of AIQS QLD and School of Urban Development, BEE, QUT-Tertiary Studies Expo (TSXPO), 18-19 July 2009
- **Representative** of AIQS QLD and School of Urban Development, BEE, QUT-The National Careers and Employment Expo, 8-9 May 2009
- **Liaison officer** for Visiting Professor programme of Prof. Martin Skitmore to Universiti Tun Hussein Malaysia (UTHM), 2009 and 2010
- **Postgraduates** visit to University College of London (UCL), London – Academic discussion with Professor Heldey Smyth (External Associate Supervisor)
- **PhD student representatives**- Presented in the HDR Student Roundtable Forum (December) in front of the HDR students from University Teknologi Malaysia (UTM)
- **Volunteer** helped flood victims clean out their property and opened the unit as an evacuation centre for several QUT postgraduate students affected by the floods.

INTELLECTUAL PROPERTIES (IP)

- CP836, Framework of Malaysians Behaviour Toward Renewable Energy in Household with Socio-Technical Perspective, Hak Cipta **(Copyright) LY2022J00893**
- CP835, Theoretical Framework of Sustainability Related BIPV Implementation, **Hak Cipta (Copyright) LY2022J00892**
- CP657, Interview Question Form: Enhancing the Evaluation Process Of Sustainability Related Criteria In Malaysia Landfill Site Selection, **Hak Cipta (Copyright) LY2021J01953**
- CP659, Building Integrated Photovoltaic (BIPV) Implementation Theoretical Framework, **Hak Cipta (Copyright) LY2021J01955**
- CP662, Centre of Sustainable Infrastructure & Environmental Management (LOGO), **Hak Cipta (Copyright) LY2021J01958**
- CP656, Framework of Malaysians? Behaviour Toward Renewable Energy in Household With Socio-Technical Perspective, **Hak Cipta (Copyright) LY2021J01951**
- CP648, Perfoma.My- A Smart Diagnostic Tool For Measuring Project Performance, **Hak Cipta (Copyright) LY2021J01943**
- CP658, Questionnaire Form: Enhancing the Evaluation Process of Sustainability Related Criteria In Malaysia Landfill Site Selection **Hak Cipta (Copyright) LY2021J01954**
- Measurement Analysis (CombPMA) for Multi large Infrastructure Projects **Hak Cipta (Copyright) LY2018001832**

AWARDS, RECOGNITION & REWARDS

Innovation & Research Awards

- Challenges of Drone Technology in Construction Project: Human-Centric Approach, **Silver Medal, International Invention, Innovation & Technology Exhibition (ITEX 2023)**, Kuala Lumpur, May 2023
- PERFORMA. my- A smart diagnostic tool for measuring project performance towards improving sustainable development, **5th Place Award, CHES (Collaboration with Higher Education Strategic Institution) Symposium**, organised by PETRONAS, June 2023
- Construction Industry in a New Norm: Cloud-Based Artificial Intelligence (CB-AI) System for Project Planning Approval, **Silver Medal, The International Innovation Award, Malaysia Technology Expo 2021(MTE2022)**, March 2022

- Challenges of drone technology in construction projects: Human-Centric Approach, **Gold Medal, The International Research and Symposium and Exposition (RISE)**, November 2022, UTHM
- Performa.my, Gold Award, **The International Research and Symposium and Exposition (RISE)** December 2020, UTHM\Performa.my, **Gold Award, The International Innovation Award, Malaysia Technology Expo 2021(MTE2021)**, March 2021
- I-Happy (An Innovative Development Measurement Method for Measuring Happiness among Employees), **Silver Award, The International Research and Symposium and Exposition (RISE)** December 2021, UTHM
- Construction Industry in a New Norm: Cloud-Based Artificial Intelligence (CB-AI) System for Project Planning Approval, **Gold Medal, The International Research and Symposium and Exposition (RISE)** December 2021, UTHM
- Performa.my, *Gold Award, Ekspo Maya Rekacipta Dan Pameran Penyelidikan UniMAP (EREKA 2020)*
- Performa.my, **Platinum Award, International Invention, Invention and Design Exposition for Built Environment and Engineering 2020 (IIDBEE2020)**, UITM Shah Alam
- *Best Paper Award*, "Examining Risk as Guideline in Design Stage for Green Retrofit Projects: A Review", **Global Congress on Construction, Material and Structure Engineering (GCoMSe)**, August 2019
- CombPMA, **Silver Medal, International Invention, Innovation & Technology Exhibition (ITEX 2018)**, Kuala Lumpur
- Computer- based Performance Measurement Analysis (CombPMA) for large green infrastructure development, **Gold Medal, International Conference and Innovation (ICON), 2017**, UITM
- "Framework of Computer- based Performance Measurement Analysis (CombPMA) for large green infrastructure development", **Gold Medal, Research and Innovation Festival 2015**, UTHM

Academic Excellence

- **Postdoctoral Scholarship- Ministry of Education, Malaysia & UTHM**, 2019-2020
- **Outstanding Reviewer** for Journal of Cleaner Production, June 2018
- **Ten Years Service Award**, UTHM, 2018
- **Excellence Services Award** UTHM 2015
- **Phd Scholarship- Ministry of Education, Malaysia**, 2008-2012
- **Yayasan Sultan Iskandar Johor Scholarship**, 2005-2007

Global/International Awards

- **OUTSTANDING HDR STUDENT FOR FEBRUARY 2011 Award**, Built Environment & Engineering Faculty, Queensland University of Technology (QUT)
- **QUT East West Recognition Award**, 2009

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