



Nur Emma Binti Mustaffa

Profile

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EDUCATION

PhD	Heriot-Watt University
LLM	Strathclyde University
LLB	Newcastle-Upon-Tyne Polytechnics

Employment history

Associate Professor	(September 2012-)
MSc(Construction Contract Management) Coordinator	(2013 - 2017)
Course Leader for BSc in Construction	(2007-2012)
Senior Lecturer, UTM, Skudai, Johor	(2008-Sept 2012)
Lecturer, UTM, Skudai, Johor	(1997-2008)
Tutor, UTM, Skudai, Johor	(1994-1996)

Legal Officer, Bank Utama Malaysia Sdn Bhd (1993)
Legal Adviser, Legal Firm (1992)

Research

Rangkakerja Perundangan bagi Pelaksanaan Mekanisme Urusniaga Pajak Persendirian Bangunan Berstrata di Malaysia

2021 Institut Penilaian Negara, Geran Penyelidikan
Harta

Individual BIM Competency: Establishing Key Criteria of BIM Competent Graduates for the AEC Industry

2020 UTM Encouragement Research

Attitudes Of Construction Workers Toward Construction And Demolition (C&D) Waste Minimisation In Malaysia

2020 UTM Encouragement Research

Integration of Occupational Safety and Health in Construction Industry Management (OSHCIM) and Building Information Modelling (BIM) Educational Framework for Higher Learning Institution.

2020 Fundamental Research Grant Scheme MOHE

Syariah Compliance Tenancy Agreement Prototype of Property Management for Waqf Properties

2020 UTM Prototype Research

IBS Supply Chain Management through Building Information Modelling (BIM)

2020 Contract Research

2010 Sponsored by Geran Universiti Penyelidikan (GUP)

Critical Success Factors for E-Learning Acceptance in Malaysian Construction Industry: An exploratory investigation

2012 Sponsored by Geran Universiti Penyelidikan (GUP)

Application of crime prevention through environmental design (CPTED) Principles In The Planning of Residential Neighbourhood

2011 Sponsored by Geran Universiti Penyelidikan (GUP)

The Contribution of Women in the Malaysian Construction Industry

2010 Sponsored by CIPD Short Term Research Grant

Content Analysis Procedure for Auditing of Internet Based Communication Channels on Tourism Attractions: Pilot Project at State Of Melaka

2009 Sponsored under terms of as new academic staff with PhD

E-Tendering Readiness assessment of contractors in Johor Bahru

2009 Sponsored under terms of as new academic staff with PhD

An Investigation in the choice of procurement methods for construction projects by clients

2002 University Short Term Research

Developing an interactive PAM (Pertubuhan Arkitek Malaysia) Std Form of Building Contract (1998 Edition) *for use by the building teams and constructors (claims and arbitration)*

1999 University Short Term Research

An integrated construction safety management system – A knowledge based approach

1998

Grant by Ministry of Higher Education

Publications : conferences/book chapters/journals

Journal

- Rozana Mohamed Salleh, Nur Emma Mustaffa and Nafisah Abdul Rahiman (2020) The Adoption of Building Information Modelling and Intelligent Contract to Payment Process in Malaysian Conventional Contract, *Journal of Computational and Theoretical Nanoscience*, Volume 17 , Number 2-3, February 2020, p 1378 – 1387 (10)
- Naqiyatul Amirah Mohd Said, Hamizah Liyana Tajul Ariffin and Nur Emma Mustaffa (2020) Compelling Outgrowth of Engineering, Procurement and Construction Contract in Malaysian Oil and Gas Industry, *Malaysian Construction Research Journal (MCRJ)*, RISM International Research Conference, 2020, Special Issue, Vol 9, No 1, p 94
- Nur Emma Mustaffa, Hamizah Liyana Tajul Ariffin., Norazam Othman and Shahida Shima Shamsuddin (2019) *Application of direct payment clause 30A.0 of the Asian International Arbitration Centre (AIAC) Standard Form of Contract (With Quantities)*, *International Journal of Built Environment & Sustainability*; Volume 6: 1, p 44-50
- Ismail, A.S., Ali, K.N., A.Iahad, N., Mustaffa, N.E., Yunus, B. Y. (2019). *Enhancing the graduates' employability and career development through building information modelling intensive training*, *International Journal of Built Environment & Sustainability*; Volume 6: 1-2 p 91-99, IGCESH Special Issue
- Tajul Ariffin, H.L., Mohd., N.I., Mustaffa, N.E., Bandi, S., Ho, C.M.C (2019) *Perspectives on issues and the application of the innovative procurement approaches for the Industrialised Building System (IBS)*, *International Journal of Built Environment & Sustainability*; Volume 6: 1, p 39-43
- Rozana Mohd Salleh., Nur Emma Mustaffa., Nafisah Abdul Rahiman; Hamizah Liyana Tajul Ariffin, Norazam Othman (2019) The propensity of Building Information Modelling and Integrated Project Delivery in Building Construction Project, *International Journal of Built*

Environment & Sustainability; Volume 6: 1-2 p 83-90 ; IGCESH Special Issue

Yong Yee Cheong and Nur Emma Mustaffa (2017) Critical Success Factors For Malaysian Construction Projects: An Investigative Review, International Journal of Built Environment And Sustainability, Vol 4, No. 2, p 93 -104

Siti Suhana Judi, Nur Emma Mustaffa and Roselan Nayan (2017) A framework for combating payment related issue (PRI) in the Malaysian construction industry; Journal of Built Environment, Technology and Engineering, Vol 2, p 122 - 132

Roselan Nayan, Nur Emma Mustaffa and Siti Suhana Judi (2017) valuation of interim payments, Issues encountered by the parties involved in relation to payment; Journal of Built Environment, Technology and Environment, Vol 2, p 133 -141

M.S Danuri, Z. Mohd Ishan, N.E Mustaffa, S.B Abd Karim, O. Mohamed, and R.A.A A-Rahim (2015) Dispute Avoidance Procedure: Observing the influence of Legal Culture towards a workable legal system, Pertanika J. Soc. Sci & Hum 23(2) 509 - 535, Universiti Putra Malaysia Press, ISSN: 0128-7702.

Yong, Y. C and Mustaffa, N. E (2013) Critical Success Factors for Malaysian Construction Projects : An empirical assessment , Construction Management and Economics, 9(31), p 948-959

Mohd Danuri, M. S., Mohd Ishan, Z., Mustaffa, N. E. And Jaafar, M. S., (2012). A Revisit on the Current Practice of Dispute Resolution and ADR in Malaysia Construction Industry. Journal Of Design & Built Environment, Kuala Lumpur: UMPress

Mohd Danuri, M.S. Shaik Mohd Hussain, S.M.N.A Mustaffa, N.E Jaafar, M. S. (2010) "Growth of Dispute Avoidance Procedure in the Construction Industry: A Revisit and New Perspectives", 26 Const L.J, Issue 5, Thomas Reuters (Legal) Limited, p 347

Conferences

Haniz Nazurah Abu Hassan (2021) Managing Inconsistencies in Condition of Engagement of An Architect in Design and Build Procurement.

Virtual International Graduate Conference of Built Environment and Surveying (GBES)(2021) Integrating Technologies, Communities and Professions in Developing Sustainable”, 22nd- 23rd June, 2021, Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia, Skudai

Erni Yusnida Ariffin, Nur Emma Mustaffa and Maimunah Sapri (2021) The influence of knowledge and persuasion in BIM-FM integration at the early phase of a BIM project, Virtual International Graduate Conference of Built Environment and Surveying (GBES)(2021) Integrating Technologies, Communities and Professions in Developing Sustainable”, 22nd- 23rd June, 2021, Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia, Skudai

Nor Marina Rosli, Nur Emma Mustaffa and Hamizah Liyana Tajul Ariffin (2021) Attributes of Domestic Subcontract in the Malaysian Construction Industry, Virtual International Graduate Conference of Built Environment and Surveying (GBES)(2021) Integrating Technologies, Communities and Professions in Developing Sustainable”, 22nd- 23rd June, 2021, Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia, Skudai

Rozana Mohamed Salleh, Nur Emma Mustaffa and Nafisah Abdul Rahiman (2021) The Significance of Intelligent Contract Attributes In Contract Administration Process, Virtual International Graduate Conference of Built Environment and Surveying (GBES)(2021) Integrating Technologies, Communities and Professions in Developing Sustainable”, 22nd- 23rd June, 2021, Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia, Skudai.

Nur Emma Mustaffa, Shaun Kok Zhen Xiong, Muzani Mustapa, Hamizah Liyana Tajul Ariffin and Fuziah Ismail (2020) Management of contractual risks in a BIM-enabled project; Construction Digitalisation For Sustainable Development (CSDS 2020) Conference, Transforming through innovation (CSDS 2020), 24th-25th November 2020, National University of Civil Engineering, Hanoi, Vietnam.

Nur Emma Mustaffa (2020) Revolutionization of Quantity Surveyor profession as a contract administrator in a BIM-enabled project , New Zealand BIM Education Symposium 2020, 25 November 2020, University of Auckland, New Zealand.

- Erni Yusnida Ariffin, Nur Emma Mustaffa and Maimunah Sapri (2020) Developing Diffusion Of BIM-FM Integration Framework At Planning And Design Stages For FM Organisations In Malaysia, 8th International Graduate Conference on Engineering, Science and Humanities (IGCESH), 18 and 19th August, Universiti Teknologi Malaysia, Johor.
- Naqiatul Amirah Mohd Said, Hamizah Liyana Tajul Ariffin and Nur Emma Mustaffa (2020) Compelling Outgrowth of Engineering, Procurement and Construction Contract in Malaysia Oil and Gas Industry. Royal Institution of Surveyors Malaysia International Research Conference, 21st March 2020 (via video presentation), Mercu Alam Bina, University Malaya.
- Norhazren Izatie Mohd, Hamizah Liyana Tajul Ariffin , Muhammad Hamka Abdul Hamid, Kamarizan Kidam, Mohammad Ismail, Kherun Nita Binti Ali, Nur Emma Mustaffa, Jafri Mohd Rohani, Noor Nabilah Sabrini, Samsiah Abdullah, Nazruddin bin Mat Ali and Muhammad Syaiful Ahdad M Fetri (2020) ; *Occupational safety and health construction industry management (OSHCIM): current practice in Malaysia*; IOP Conf. Series: Materials Science and Engineering 849 (2020) 012012 IOP Publishing doi:10.1088/1757-899x/849/1/012012
- Hamizah Liyana Tajul Ariffin, Norhazren Izatie Mohd, Noor Nabilah Sabrini, Lim Carmen, Kamarizan Kidam, Mohammad Ismail, Kherun Nita Binti Ali, Nur Emma Mustaffa, Jafri Mohd Rohani, Samsiah Abdullah, Nazruddin bin Mat Ali and Muhammad Syaiful Ahdad M Fetri (2020) ; *Occupational safety and health in construction industry management (OSHCIM) implementation - Academician's perspectives*; IOP Conf. Series: Materials Science and Engineering 849 (2020) 012017 IOP Publishing doi:10.1088/1757-899x/849/1/012017
- Rozana Mohd Salleh, Nur Emma Mustaffa, Nafisah Abdul Rahiman (2019). *Integrating Building Information Modelling and Intelligent Contract to payment process under conventional*, In 3rd Asia International Multidisciplinary Conference 2019 (AIMC 2019), Science Proceedings Series, 1(2) p 79-81
- Naqiatul Amirah Mohd Said, Nur Emma Mustaffa, & Hamizah Liyana Tajul Ariffin (2019). *Integrating Cloud in Engineering, Procurement and Construction (EPC) Contract*. In 3rd Asia International Multidisciplinary Conference (AIMC 2019). Johor, Malaysia. [Conference Proceedings]

- Erni Yusnida Ariffin, Nur Emma Mustafa and Maimunah Sapri (2019), *Integration of BIM into Facilities Management (FM): Identifying The Gaps Between BIM and Facility Management (FM)*: 1st International Graduate Conference of Built Environment and Surveying (GBES 2019) Conference Proceedings (Volume 1), Johor, Malaysia, pp. 303-309.
- Nor Marina Rosli, Nur Emma Mustaffa and Hamizah Liyana Tajul Arifin (2019), *A Review on the Conditions oof Domestic Subcontract in The Malaysian Construction Industry*: 1st International Graduate Conference of Built Environment and Surveying (GBES 2019) Conference Proceedings (Volume 1), Johor, Malaysia, pp. 140-147.
- Rozana Mohd Salleh, Nur Emma Mustaffa and Nafisah Abdul Rahiman (2019), *The Integration of Building Information Modelling and Intelligent Contract to Variation Order Process in Malaysian Conventional Contract*: 1st International Graduate Conference of Built Environment and Surveying (GBES 2019) Conference Proceedings (Volume 1), Johor, Malaysia, pp. 14-28.
- Siti Suhana Judi, Nur Emma Mustaffa and Roselan Nayan (2019), *Causal Components for Dire Determinants In Payment-Related Issues*: 1st International Graduate Conference of Built Environment and Surveying (GBES 2019) Conference Proceedings (Volume 1), Johor, Malaysia, pp. 184-188
- Naqiatul Amirah Mohd Said, Nur Emma Mustaffa and Hamizah Liyana Tajul Ariffin (2019), *Application of Relational Contract in Engineering, Procurement and Construction Projects: Effects to Cost Overrun and Time Schedule in Malaysian Oil and Gas Industry*: 1st International Graduate Conference of Built Environment and Surveying (GBES 2019) Conference Proceedings (Volume 1), Johor, Malaysia, pp. 231-242.
- Roselan Nayan, Nur Emma Mustaffa and Siti Suhana Judi (2019), *Common Problems Encountered by The Registered Quantity Surveyors in The Preparation of Valuation of Interim Payment*: 1st International Graduate Conference of Built Environment and Surveying (GBES 2019) Conference Proceedings (Volume 1), Johor, Malaysia, pp. 200-208.
- Nur Emma Mustaffa, Tajul Ariffin, H.L, Ali, K.A and Sapri, M (2018);

Integrated Building Information Modelling (BIM) Application In Tertiary Education; 4th International Conference of Sustainability Initiative: Case Studies in Malaysia, Phillipines and Indonesia (4th SIMPI), 11th -12th December, 2018; The Everly Hotel;Putrajaya

Mohd Said, N.A, Mustaffa, N.E and Tajul Ariffin, H.L. (2018) Critical Issues of Engineering, Procurement and Construction: A Pilot Study, 7th International Graduate Conference on Engineering, Science and Humanities, Universiti Teknologi Malaysia, 13-15 August 2018.

Mohd Salled, R; Mustaffa, N.E and Tajul Ariffin, H.L (2018) Propensity of Building Information Modelling (BIM) and Integrated Project Delivery (IPD) Procurement Adoption in the construction industry; 7th International Graduate Conference on Engineering, Science and Humanities, Universiti Teknologi Malaysia, 13-15 August 2018

Rosli N.M., Mustaffa, N.E and Tajul Ariffin, H.L. (2018) *A Review of Subcontract in Construction Industry*, In Yacob, N., Mohd Noor, N., Mohd Yunus, N., Lob Yusoff, R. Zakaria, S (eds) Regional Conference on Science, Technology and Social Sciences, (RCSTSS 2016), Springer, Singapore

Mohd Said, N. A., Mustaffa, N. E., & Tajul Ariffin, H. L. (2017, September). Innovative Improvement of Engineering, Procurement and Construction (EPC) Contract in Malaysia Oil and Gas Industry. Poster session presented at the International workshop on Innovation in Construction Management and Economics 2017, Johor, Malaysia

Nur Emma Mustaffa, Hamizah Liyana Tajul Ariffin and Rozana Mohammed Salleh (2017) Experiences of Building Information in Various Countries, 5th International Conference on Research and Innovation in Information System, Langkawi; 16-17 July 2017.

Hamizah Liyana Tajul Ariffin, Faraziera Mohd Raslim, Kerk Chia Chun and Nur Emma Mustaffa (2017) Factors concerning procurement selection in Building Information Modelling Projects; 5th International Conference on Research and Innovation in Information System, Langkawi; 16-17 July 2017.

Siti Suhana Judi, Nur Emma Mustaffa and Roselan Nayan (2017) A framework for combating payment related issue (PRI) in the Malaysian

construction industry, Putrajaya International Built Environment, Technology and Engineering Conference, 27-28 March, 2017, Putrajaya.

Roselan Nayan, Nur Emma Mustaffa and Siti Suhana Judi (2017) Valuation of interim payment; issues encountered by the parties involved in relation to payment, Putrajaya International Built Environment, Technology and Engineering Conference, 27-28 March, 2017, Putrajaya.

Mohd Suhaimi Mohd Danuri, Zahira Mohd Ishan, Nur Emma Mustaffa, Saipol Bari. Abd-Karim, Othman Mohamed and Mahanim Hanid (2016) Dispute avoidance procedure : Formulating a workable legal system in the Malaysian construction industry, Journal of Design and Built Environment vol.16(1); p 37 - 47

Ali, K.N.A, Mustaffa, N.E , Quek J. Keat and Wallace, I Enebuma, (2016) The Integration of Building Information Modelling (BIM) Educational Framework for Quantity Surveying Students: The Malaysian Perspective. Journal of Information Technology In Construction; ITcon, vol (21) p 140 - p152

Siti Suhana Mohd Judi and Nur Emma Mustaffa (2016) A Formulation of Proactive Prevention Payment Disputes Framework; Invention, Innovations & Design Exposition, Universiti Teknologi MARA, 25 Mei 2016; Shah Alam, Selangor.

Nor Marina Rosli and Nur Emma Mustaffa (2016) A Review on the Conditions of Subcontract in The Malaysian Construction Contract, International Graduate Conference On Engineering and Science and Humanities, Universiti Teknologi Malaysia, Skudai, 15-17 August 2016.

Kherun Nita Ali and Nur Emma Mustaffa (2015) BIM Educational Framework for Quantity Surveying Students : The Malaysian Perspective; 9th BIM Academic Symposium, April 7-8 2015, Washington DC, United States of America.

Mustaffa, N.E ; Ali, K.N.A and Yong, Y.C (2015) The Integration of Building Information Modelling(BIM) In A Relationship-Based

Procurement Method, Seoul International Conference on Engineering and Applied Sciences, Seoul Korea, 8-10 January, 2015.

Ali, K.N; Mustaffa, N.E and Boon, T.C (2015) Building Information Modelling Application and Awareness among Quantity Surveyors; Seoul International Conference on Engineering and Applied Sciences, Seoul Korea, 8-10 January, 2015.

Siti Suhana Mohd Judi and Nur Emma Mustaffa (2014) Model of Determinants For Payment Issues in the Malaysian Construction Industry, CHUSER 2014, IEEE Colloquium on Humanities, Science and Engineering, Penang, Malaysia, 7-8 April, 2014.

Ibrahim, F.S. & Mustaffa, N. E., (2012). Sustainable Housing Development: The Way Forward for Hillside Areas, Proceeding of 3rd International Conference on Business and Economic Research, Bandung, Indonesia 12 -13 March 2012. P. 272-298.

Yong, Y. C. and Mustaffa, N. E. (2012), Analysis of Factors Critical to Construction Project Success in Malaysia, Engineering, Construction and Architectural Management, 19(5), p. 192-206, Available through: Emerald Group Publishing Limited Database.

Yong, Y. C. and Mustaffa, N. E. (2011), A theoretical framework to understand the relationship between stakeholders in Malaysian construction industry, COBRA Research Conference, 12-13 September 2011, Salford, United Kingdom.

Yong, Y. C. and Mustaffa, N. E. (2011), Clients, consultants and contractors' perception of critical success factors for construction project in Malaysia, ARCOM 27th Annual Conference, 5th-7th September, 2011, Bristol, UK.

Raslim, F., Mustaffa, N.E. and Yaacob, J. (2011), Legal Issues of Partnering in Construction, A review on partnering contracts,

ICPIE 3rd Conference, 5th July, 2011. H.Kong.

Yong, Y. C. and Mustaffa, N. E. (2010), Accelerating Change In The Malaysian Construction Industry, Through Relationship-Based Procurement, National Postgraduate Conference (NAPAS), 6-7th July, 2010, Shah Alam, Selangor, Malaysia.

Raslim, F., Mustaffa, N.E. and Yaacob, J. (2010), Legal and Contractual Issue of Construction in Partnering, Malaysian Contract Law System, National Postgraduate Conference (NAPAS), 6-7th July, 2010, Shah Alam, Selangor, Malaysia.

Raslim, F., Mustaffa, N.E. and Yaacob, J. (2010) "Legal Issues of Partnering In Construction : An Analysis of Case Study" COBRA Research Conference, 2-3, September 2010, Paris, France.

Raslim, F, Mustaffa, N. E and Yaacob, J (2010) "Legal Issues of Partnering in the Construction Industry" In Egbu, C (Ed) ARCOM Annual Conference, 6-7 September 2010, Leeds, UK. Association of Researchers in Construction Management.

Mohd Danuri, M.S; S.M. Hussain, S.M.N.A and Mustaffa, N.E., (2008) "Prospect of Introducing Dispute Avoidance Procedure in the Malaysian Construction Industry", RICS Construction and Building Research Conference, (COBRA), Presented on 5 September 2008, Dublin Institute of Technology, Ireland.

Mustaffa, N.E., Bowles, G., Hashim, M. (2007) Partnering and Problem Resolution – The UK Construction Industry Perspective. The First Conference on Project Management. Saudi Council of Engineers. Riyadh, Saudi Arabia on 7-11 April, 2007.

Mustaffa, N.E and Bowles, G (2007) Partnering and Problem Resolution in Practice, CIB Conference, South Africa, June 2007.

Mustaffa, N.E and Hashim, M (2007) Problem resolution process to avoid disputes in partnering projects – The UK experience. PAQS 2007: Construction from a Different Perspective. Auckland, New Zealand. 8th-12th June, 2007.

Mustaffa, N.E. and Bowles, G (2005) Dispute Avoidance Mechanism in Partnering, In: Khosrowshahi, F (Ed.), 20th Annual ARCOM Conference, 1-3 September 2004, Heriot Watt University, Edinburgh. Association of Researchers in Construction Management, vol. 1, 721-.730

Mustaffa, N.E. and Bowles, G (2005) Investigating the 'Hard' and 'Soft' Issues of Problem Resolution in Partnering - Defining the Research Boundaries, In: Khosrowshahi, F (Ed.), 21st Annual ARCOM Conference, 7-9 September 2005, SOAS, London. Association of Researchers in Construction Management, Vol. 2, 1153-1163.

Mustaffa, N.E, Sapri, M., Kaka, A. and Bowles, G. (2005) Partnering: An Overview Of Its Application In The Facilities Management Context - REER Real Estate Educators and Researchers Association - Inaugural Meeting and Seminar, 2005, 26-27 September 2005, Johor, Malaysia.

N.E Mustaffa and G.Bowles (2005) The Application of Dispute Avoidance Mechanism In Partnering Arrangements, ASEAN Postgraduate Seminar in Built Environment, on 5-7th December, 2005 in University Malaya, Kuala Lumpur, Malaysia.

Mustaffa N.E, Al Sharif, F., Kaka, A. and Bowles, G (2005) Dispute Management in Private Finance Initiative (PFI) Projects - UK Experience, International Conference On Construction and Real Estate Management 2005, 12-13th December 2005, in Universiti Sains Malaysia, Penang.

Research Guidance Notes

Nur Emma Mustaffa, Hamizah Liyana Tajul Ariffin, Kamarizan Kidam, Kherun Nita Ali, Norhazren Izatie Mohd, Mohammad Ismail, Jafri Mohd Rohani, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden (2018). *Guidelines on Occupational Safety & Health in Construction Industry (Management) 2017 - Guidance Notes for Principal Contractor/Contractor(s)*.

Nur Emma Mustaffa, Hamizah Liyana Tajul Ariffin, Kamarizan Kidam, Kherun Nita Ali, Mohammad Ismail, Jafri Mohd Rohani, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden (2018). *Dokumen Hasil Kajian Terma Rujukan (TOR) Kedua: Peruntukan Perundangan Berkaitan Perlaksanaan Pengurusan Projek Pembinaan.*

Jafri Mohd Rohani, Ismail, Kherun Nita Ali, Hamizah Liyana Tajul Ariffin, Nur Emma Mustaffa, Kamarizan Kidam, Norhazren Izatie Mohd, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden (2018). *Dokumen Hasil Kajian Rujukan (TOR) Pertama: Mendapatkan Maklumat Latihan dari Aspek Perundangan dan Praktis Semasa.*

Mohammad Ismail, Jafri Mohd Rohani, Kherun Nita Ali, Hamizah Liyana Tajul Ariffin, Nur Emma Mustaffa, Kamarizan Kidam, Norhazren Izatie Mohd, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden. (2018). *Dokumen Hasil Kajian Terma Rujukan (TOR) Ketiga: Kajian Amalan OSHCIM Di Luar Negara.*

Kamarizan Kidam, Siti Suhaili Shahlan, Hamidah Kamarden, Kherun Nita Ali, Mohammad Ismail, Jafri Mohd Rohani, Hamizah Liyana Tajul Ariffin, Norhazren Izatie Mohd, Nur Emma Mustaffa, Samsiah Abdullah (2018). *Dokumen Hasil Kajian Terma Rujukan (TOR) Keempat: Amalan Semasa Industri Berkaitan Oshcim.*

Kamarizan Kidam, Siti Suhaili Shahlan, Hamidah Kamarden, Kherun Nita Ali, Mohammad Ismail, Jafri Mohd Rohani, Hamizah Liyana Tajul Ariffin, Norhazren Izatie Mohd, Nur Emma Mustaffa, Samsiah Abdullah (2018). *Dokumen Hasil Kajian Terma Rujukan (TOR) Kelima: Kajian Pembangunan Tafsiran Peranan Duty Holder Berkaitan Tentang Tugas-Tugas dan Tanggungjawab.*

Norhazren Izatie Mohd, Kherun Nita Ali, Nur Emma Mustaffa, Hamizah Liyana Tajul Ariffin, Kamarizan Kidam, Mohammad Ismail, Jafri Mohd Rohani, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden, (2018). *Dokumen Hasil Kajian Terma Rujukan (TOR) Keenam: Membangunkan Modul Latihan dan Menjalankan Sebaran Rintis Kepada Penguatkuasa dan Industri.*

Samsiah Abdullah, Kherun Nita Ali, Hamizah Liyana Tajul Ariffin, Nur Emma Mustaffa, Kamarizan Kidam, Norhazren Izatie Mohd, Mohammad Ismail, Jafri Mohd Rohani, Siti Suhaili Shahlan, Hamidah Kamarden (2018). *Dokumen Hasil Kajian Terma Rujukan (TOR) Ketujuh: Kajian Pembangunan Tata Amalan Keselamatan dan Kesihatan bagi Pereka (Designer).*

Norhazren Izatie Mohd, Kherun Nita Ali, Nur Emma Mustaffa, Hamizah Liyana Tajul Ariffin, Kamarizan Kidam, Mohammad Ismail, Jafri Mohd Rohani, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden, (2018). *Dokumen Hasil Kajian Terma Rujukan (TOR) Keenam: Membangunkan Modul Latihan dan Menjalankan Sebaran Rintis Kepada Penguatkuasa dan Industri.*

Samsiah Abdullah , Kherun Nita Ali , Hamizah Liyana Tajul Ariffin, Nur Emma Mustaffa, Kamarizan Kidam, Norhazren Izatie Mohd, Mohammad Ismail, Jafri Mohd Rohani, Siti Suhaili Shahlan, Hamidah Kamarden (2018). *Dokumen Hasil Kajian Terma Rujukan (TOR) Ketujuh: Kajian Pembangunan Tata Amalan Keselamatan dan Kesihatan bagi Pereka (Designer).*

Kherun Nita Ali Hamizah Liyana Tajul Ariffin, Nur Emma Mustaffa, Kamarizan Kidam, Norhazren Izatie Mohd, Mohammad Ismail, Jafri Mohd Rohani, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden (2018). *Dokumen Hasil Kajian Terma Rujukan (TOR) Kelapan*

Kamarizan Kidam, Siti Suhaili Shahlan, Hamidah Kamarden, Kherun Nita Ali, Mohammad Ismail, Jafri Mohd Rohani, Hamizah Liyana Tajul Ariffin, Norhazren Izatie Mohd, Nur Emma Mustaffa , Samsiah Abdullah (2018). *OSHCIM Trainer's Manual - Module 1: Client Appreciation. DOSH.*

Mohammad Ismail, Jafri Mohd Rohani, Kherun Nita Ali Hamizah Liyana Tajul Ariffin, , Nur Emma Mustaffa, , Kamarizan Kidam, Norhazren Izatie Mohd, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden. (2018). *OSHCIM Trainer's Manual - Module 2: Construction Industry Due Diligence. DOSH.*

Kherun Nita Ali Hamizah Liyana Tajul Ariffin, , Nur Emma Mustaffa, Kamarizan Kidam, Norhazren Izatie Mohd, Mohammad Ismail, Jafri Mohd Rohani, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden (2018). *OSHCIM Trainer's Manual - Module 3: Principle Designer & Designer(S) Design Risk Management. DOSH.*

Jafri Mohd Rohani, Ismail, Kherun Nita Ali, Hamizah Liyana Tajul Ariffin, Nur Emma Mustaffa, Kamarizan Kidam, Norhazren Izatie Mohd, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden (2018). *OSHCIM Trainer's Manual - Module 4: Project Team Duty Holder Workshop. DOSH.*

Hamizah Liyana Tajul Ariffin, Nur Emma Mustaffa, Kamarizan Kidam, Kherun Nita Ali , Norhazren Izatie Mohd, Mohammad Ismail, Jafri Mohd Rohani, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden (2018). *Guidelines On Occupational Safety & Health In Construction Industry (Management) 2017 - Guidance Notes For Enforcement Bodies, Local Authority, Professional Bodies, Educational Institutions And workers. DOSH.*

Norhazren Izatie Mohd, Kherun Nita Ali, Nur Emma Mustaffa, Hamizah Liyana Tajul Ariffin, Kamarizan Kidam, Mohammad Ismail, Jafri Mohd Rohani, Samsiah Abdullah, Siti Suhaili Shahlan, Hamidah Kamarden, (2018). *Guidelines On Occupational Safety & Health In Construction Industry (Management) 2017 - Guidance Notes for Client. Department of Safety and Health Malaysia.*

Book chapter

Nur Emma Mustaffa, Fara Diva Mustapa and Fadhlin Abdullah (2017), Barriers in the Implementation of Green Building Concepts in Malaysia Construction Industry from the Developer's Perspective, Contemporary Issues in Project Management, Edited by Mohd Saidin Misnan and Mohammadamin Azimi. Penerbit Universiti Teknologi Malaysia, Johor.p 40 -57; ISBN : 978-983-52-1374-8

Rosli, N.M., Mustaffa, N.E.& Tajul Ariffin, H.L (2018). *A review of domestic subcontract in Construction Industry*, Regional Conference on Science, Technology and Social Sciences (RCSTSS2016), Rcstss 2016, 499-506. https://doi.org/10.1007/978-981-13-0074_48

Bulletin / Newsletter

Case Note : Ken Grounting Sdn Bhd v RKT Nusantara Sdn Bhd [2021] 2 CLJ 173 ADR
Centurion, April 2021, Volume 2, Issue 11, ASIAN Institute of Alternative Dispute Resolution Newsletter, p 10

Nur Emma Mustaffa (2018); Impact of BIM to Quantity Surveyor as a contract administrator; Berita QS, Issue No.1, Session 2018/2019, December 2018, p 17 -20

Encyclopedia writing

Ensiklopedia Sains dan Teknologi (2000) Published by UTM and DBP

Entries :-

- Contractor
- Construction Contract
- Contract Procurement

Translation

Licensed Land Surveyors (Disciplinary Proceedings) Regulations (2001)

Licensed Land Surveyors Regulations (2002)

Profesional service

Fasilitator (Legal) for Business Forensic Committee under the Deputy vice Chancellor (Development) Department (2021)

Committee Member of Universiti Teknologi Malaysia Technical Committee for Policy and and Entity (2019 - 2022)

Chairperson for Universiti Teknologi Malaysia Legal Documents Taskforce (2020)

Member of Universiti Teknologi Malaysia Legal Documents Committee (2020-2021)

Member of Universiti Teknologi Malaysia Definition Taskforce (2021)

Committee Member for Editorial Sub-committee (ESC) Asian Institute of Alternative Dispute Resolution (AIADR) (2020-2022)

Professional Consultant appointed by the Department of Safety and Health, Ministry of Human Resource for the development of Occupational Safety Health Master Plan (OSHMP 2021-2025)

Professional Consultant appointed by the Department of Safety and Health, Ministry of Human Resource for the development of Occupational Safety and Health in Construction Industry Management Guideline (OSCHIM

2017)

Committee Member for the Research Grant Evaluation Panel under the Ministry of Higher Education 2020-2021 (DP KPT)

Fellow of Asian Institute of Alternative Dispute Resolution (2018 -)

Kuala Lumpur Regional Centre of Arbitrators (KLRCA) (2013 -)
Panel of Adjudicators

External Examiner for the Direct Final Examination Papers for ISM (2013-2020)

Internal Examiner for MSc courses at the Heriot Watt University (2005-2006)

Organising Committee Member at the ARCOM 20th Annual Conference at the Heriot Watt University (2005)

Committee Member for Sub-Working Group1 for Strategic Thrust 1 Construction Industry Master Plan Malaysia: Construction Industry Development Board (CIDB) Malaysia (2008)

Editorial Board for Jurnal Alam Bina (UTM) (2006-2018)

Malaysian Quality Assurance Panel Members (Law) (2009- 2017)

Committee Member for Sub-Working Group1 for Strategic Thrust 1 Construction Industry Master Plan Malaysia: Construction Industry Development Board (CIDB) Malaysia (2008)

Committee Member for Royal Institution of Surveyors Malaysia (RISM) Building Information Modelling Contract Task Force (2018-)

Academic areas of interest

Construction Contract, Dispute Resolution, Procurement, Legal Aspects in Building Information Modelling (BIM)

Honours and awards

Shortlisted for the International Students Essay Competition organized by British Council	(2003)
Excellent Service Award by UTM	(2007)
Excellent Service Award by UTM	(2011)
Jasa Bakti Award, UTM	(2015)
UTM Excellent Award for Publication in Indexed Journals	(2020)

PhD Students Supervision (Completed)

Mohd Suhaimi bin Mohd Danuri (2010)

Viability of Introducing Dispute Avoidance Procedure in The Malaysian Construction Industry

Faraziera binti Mohd Raslim (2013)

A conceptual model of Partnering Legal Issues

Yong Yee Cheong (2013)

Grounded theory of adversarial relationship in the Malaysian construction industry

Siti Suhana Mohd Judi (2020)

A Formulation of Proactive Prevention Payment Disputes Framework

Roslan Nayan (2021)

Framework for the Enhancement and Enrichment of Valuation of Interim Payment for the Quantity Surveyors

PhD Students Supervision (Ongoing)

Marina Rosli

Establishment of Framework for Domestic Subcontract in Malaysian Construction Industry

Nurshafeqah Mohd Zain

A Case Study Of Construction Contract In Waqf Land Development In The State Of Johor

Naqiatul Amirah binti Mohamad Said

Engineering Procurement Contract

Rozana binti Mohd Salleh

Framework for Building Information Modelling (BIM) intelligent contract in the Malaysian Construction Industry.

Erni Yusnida Ariffin

Contractual Contract Framework For BIM-Enabled Projects

Alabi Olumuyiwa Michael

Development of a framework to minimise construction site errors in Nigerian building industry

MSc(Construction Contract Management) Supervision (Completed)

Lee Cen Ying

Principles of Implied Terms in Construction Contracts

Norhafizah binti Yusop

Challenging the Arbitral Awards (Certiorari)

Thoy Yee Hua

Application of Adjudication in Malaysia

Wong Bi Xia

Measure of damages for defective building works

Yap Chiaw Guan

Contractor's Right to Claim For Extra Works

Mas Hafizah bt Jamil

Ubberimae Fidei in Construction Insurance

Lina Nazihah binti Abdul Rashid

The Admissibility Rules of the Expert Evidence Given By the
Expert Witness

Nazirah Abdul Rahim

Public Works Procurement: The European Experience

Nani Ernie binti Othman

Case Study: Observation Sky Tower in Melaka

W.Mohd Hanif b. W. Mohd Shaupi

Remoteness of damage in breach of contract

Irwan bin Mohamed Shariff

Restitutionary Quantum Meruit

Hafiz bin Saad

Revising Contract Sum : The Employer's Right to Set off

Kathleen binti Sanis

Force Majeure in Extension of Time

Hadzira binti Mohd Noor

Consolidation of Arbitral Proceedings

Then Lee Lian

Equitable Remedy : Specific Performance

Mohd Asrul b. Nasid

Nature of delay in Nominated Subcontracting

Anarulakmal binti Ismail

The Profile of Cases on Injunction to Performance Bond

Nur Shidah binti Maidin

The Application of Selva's and Sakina's cases in the context of LAD to the Malaysian Construction Industry

Mohamad Safuan bin Mohd Nazam

The irrelevancy of claim for set-off in the existence of provisions in standard forms of contract

Ting Hie Ching

Conflict of laws in Arbitration

Nurhidayah binti Kamaludin

Architect's Liability in making decision during construction stage

Gunalan a/l Krishnan

An investigation on the awareness of the construction industry practitioners in Malaysia on partnering procurement method as a dispute avoidance mechanism.

Chang Siaw Hui

Formalisation of partnering as a collaborative procurement method

Chong Oi Siang

wrongful termination of contract in construction industry

Than Yoon Fah

Judicial Interpretation of the High Court in the Application of the Security for costs

Dewi Rozamurtina

Negotiation for disputes settlement in construction claim (A case study on Air Likatan Irrigation Sub-Project Stage 1 – Indonesia)

Nurshafeeqah binti Mohd Zin

Comparison of Collateral Warranty and Indemnity in Construction Contract

'Adila binti Zakaria

Transformation of delivering system : Comparative study between Certificate of Fitness for Occupation (CFO) to Certificate of Completion and Compliance (CCC)

Noor Akmaleena bt Mohd Daud

Profiling of dispute resolution mechanism in ASEAN countries

Nurulain binti Tazol Arief

Employer's Implied Obligation in Construction Contract

Joanna Tay Yuan Ju

The Arbitrable Disputes in Malaysian Construction Industry

Farah Azwanee binti Aminuddin

Seat of Arbitration

Intan Safina Bt Sanusi

Termination Procedures Of Projects By The Public Works Department (PWD)

Chairul Salam

The Implementation Of Dispute Review Board (Drb) As An Alternative Dispute Resolution In Indonesian Construction Industry

Hermawan Cahyo Nugroho

An Investigation On The Application Of Termination Clause In Standard Form Of Construction Contract In Indonesia

Muhammad Iqbal Perkasa

The Potential Of Design And Build Procurement Method In The Directorate Of Environmental Sanitation Development In Indonesia

Rozana Binti Mohamed Salleh

Building Information Modelling (BIM) and Design and Build Procurement in Building Construction Projects

Wong Ing Sing

Proof of Documentation in Claiming Extension of Time

Izzah Zahin Binti Aliman

Doctrine of Separability

Mohamad Zahierruden Ismail

Rights of contractors on recovery of payment after termination of contract under CIPAA 2012

Kerk Chia Cun

Contemporaneous Records in Construction Claim

Siti Fasiah binti Abdul Aziz

The Existence of An Oral Contract

Rabiatul Hidayah binti Mokhtar

Judicial Interpretation of Consequential Loss in Construction Contract

Shahida Shaima Binti Shamsudin

Probable success of direct payment clause of 30A.0 of the AIAC Standard Form of Contract (With Quantities)

Atiqah binti Faizal

Construction players' perception towards collaborative arrangement in BIM-enabled projects.

Nadia Syahirah binti Mat Pisol (2019)

Sectional Completion: Common Issues in the event of delay and damages

Shaun Kok Zhen Xiong (2019)

Salient Elements To Be Incorporated Into BIM Standard Contract Pertaining to Variation Provisions

Chin Yong Ling (2019)

Waiver of Employer's Termination Right by Doctrine of Election

Kalpana Kumar (2021)

Pure economic loss claims for construction defects in Malaysia and Singapore

MSc Students Supervision (By research ongoing)

Hanis Nazurah bt Abu Hassan

Architect's Risk in Design and Build (Procurement)

Examiners

Internal Examiner

Norazam Othman (PhD- 2014)

Title : Framework of Process For Variation Works To Analyse Impacts Caused By Factors Influencing Decision

Yong Kum Weng (PhD - 2016)

Title : Propensity of Architects to Commit Fraudulent Certification in Malaysian Housing Development Projects

Badiru Yunusa Yusuf (PhD - 2017)

Title : Strategies for the integration of Building Information Modelling to Higher Education in Malaysia.

Felicia Yong Yan Yan (PhD – 2017)

Title : Profiling of Construction Disputes

Xu Fei (Masters – 2015)

Title : The Professional Ethics Of Construction Project Manager In China

External Examiner

Ahmad Tarmymy (PhD(USM)- 2021)

Title : Faktor-Faktor Penghalang Pembinaan Rumah Mampu Milik Oleh Pemaju

Farah Ain Zainuddin (MSc(UPM)-2020)

Title : Alternative Dispute Resolution (ADR) as the feasible resolution for construction disputes : The perspective of CIDB G7 Contractors

Alaa J. Kadi (PhD (USM) – 2018)

Title : Digital Innovation Barriers Effect On Innovation Orientation in Syrian Construction Firms

Abdullahi Nafiu Zadawa (PhD(USM) – 2017)

Title : Mediation Model for the determination of non-compliance with public procurement guideline and cost performance of construction projects

Zulzakiyudin Ahmad Rasyid (PhD (UiTM) – 2011)

Title : Malaysian Legal Provisions And Design Risks in Construction works

Achievement by students under supervision

Joanna Tay Yuan Ju (International Award)

Special Mention Paper Award and Best Presenter Award

RICS-ISM 3rd International Conference for Undergraduates 2011 Pulau Pinang, Malaysia, 18th -19th March 2011

Title of the paper :

Anticipation On The Issues Concerning “Dispute” In Statutory Adjudication Under Construction Industry Payment And Adjudication Act (CIPAA) In Malaysia.

**Lim Zijin (International Award)
Best paper**

9th RICS-RISM International Surveying Conference for Undergraduate 2017, International Islamic University Malaysia, 7-8th April, 2017.

Title of the paper :

Interoperability and Professional Liability Issues in Building Information Modelling (BIM) Implementation.

Best Undergraduate Thesis For 2017 – Award by Board of Quantity Surveyors Malaysia (National Award)

An Investigation On Standardised Contract Document For Project Using Building Information Modelling (BIM) in Malaysia.

Naqiatul Amira Mohd Said (International Award)

Best paper award and best presenter award 2020 – Royal Institution of Surveyors Malaysia International Research Conference

Compelling Outgrowth of Engineering, Procurement and Construction Contract in Malaysia Oil and Gas Industry.

Other Academic Activities

Reviewer

Journal

Journal of Engineering Science and Technology (2021)

Cleaner Engineering and Technology (2021)

Journal of Building Engineering (2021)

Asian Academy of Management Journal (2021)

International Journal of Civil Engineering (2020)

Iranian Journal of Science and Technology, Transactions of Civil Engineering (2020)

International Journal of Real Estate Studies (INTREST) (2020,2021)

Journal of Engineering, Construction and Architectural Management (2012, 2014, 2016, 2018, 2019)

Journal of Design and Built Environment (2018)

Journal of Construction in Developing Countries 2017,2018, 2020

Conferences

5th International Conference on Research Methodology for Built Environment and Engineering 2021 (ICRMBEE2021)

Virtual International Graduate Conference of Built Environment and Surveying (GBES)(2021)

International Conference on Art, Business, Education and Social Sciences (2017)

International Conference on Research and Innovation in Information System (2017)

Panel of reviewer for The Construction, (2013,2015,2019, 2020)
Building and Real Estate Conference
of the Royal Institution of Chartered Surveyors,
UK (COBRA) Conference

Discussion Panel Members

The 2nd Joint Colloquim on Studies of Postgraduate In Built Environment,
Universiti Gajah Mada, Indonesia. 21st January 2019.

Membership

BIM Institute of Malaysia (Membership No : 057/2018)

Professional Member of Industrial Engineering and Operations Management
(2020-2021)