

# **CURRICULUM VITAE (CV)**



## **PERSONAL PROFILE**

Name : Associate Professor Ts. Dr. Farid Ezanee Mohamed Ghazali  
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## **EDUCATION**

<b>Qualification</b>	<b>University</b>	<b>Year</b>
Dip. Civil Engineering (Building Services)	Universiti Teknologi MARA (UiTM), Malaysia	1998
B. Eng. (Hons.) Civil Engineering	Universiti Teknologi MARA (UiTM), Malaysia	2001
M.Sc. (Eng.) International Construction Management and Engineering	University of Leeds, UK	2003
Ph.D Civil Engineering (Construction Project Management)	University of Leeds, UK	2007

## **MY PHD THESIS**

Title: “A Reengineered Model for Effective Risk Management in Pre-Contractual Procurement Process for the NHS PFI Hospitals” \* NHS – National Health Service in the United Kingdom

Chapter in the thesis:

- PFI/PPP in the construction industry and the NHS;
- Classification of risk in PFI/PPP construction projects;
- Managing risk in construction projects; Research methodology;
- Case study: Relocation scheme of the Leeds Mental Health NHS Trust;
- Form and technique of modelling for the PFI risk management models;
- The SADT-IDEF0 pre-contractual procurement process model for the NHS PFI hospitals;
- The AHP risk prioritization model for the NHS PFI hospitals;
- A reengineered model for effective risk management in pre-contractual procurement process for the NHS PFI hospitals; and
- Verification and validation of the reengineered model.

## **RESEARCH INTERESTS**

❖ Private Finance Initiative (PFI)	❖ Public Private Partnerships (PPP)
❖ Risk Management	❖ Construction Contracts
❖ Procurement & Construction Process	❖ Facilities Management
❖ Sustainable Development & Green Building	❖ Industrialised Building System (IBS)

## **WORK EXPERIENCE**

1. *Tutor*, School of Civil Engineering, Universiti Teknologi MARA (UiTM), Shah Alam, Selangor, Malaysia (2001-2001)
2. *Senior Lecturer*, School of Civil Engineering, Universiti Sains Malaysia (USM) (Engineering Campus), Nibong Tebal, Penang, Malaysia (2008 – present)

## **PROFESSIONAL AFFILIATION**

1. Malaysia Board of Technologists (MBOT) – Professional Technologist (Building & Construction Technology (BC) *Cert. No. PT20060080*)
2. Board of Engineers Malaysia (BEM) - Graduate Member (*Reg. No. 36147A*)
3. Association for Project Management (APM) – Associate Member (*Reg. No. P0386480*)

## **ACADEMIC RECOGNITION**

### **1) AWARD**

1. USM Prize Award ‘Sanggar Sanjung 2018’: Journal Publication Category Paper “*Assessing the contribution of water and energy efficiency in green buildings to achieve United Nations Sustainable Development Goals in Jordan*” - Building and Environment

### **2) APPOINTMENTS**

1. Member of Board of Studies, Research Associate of Jamilus Research Centre, Faculty of Civil and Environmental UTHM (2017-2019)
2. Evaluation Panel for Malaysian Qualifications Agency (MQA) in the field of *Built Environment* (2009 – 2012)
3. Evaluation Panel for Malaysian Qualifications Agency (MQA) in the field of *Construction Management and Project Management* (2012 - 2015)
4. Evaluation Panel for Malaysian Qualifications Agency (MQA) in the field of *Civil Engineering, Construction Management, Project Management and Risk Management* (2015 - 2018)
5. Committee Member of the Outcome Based Education (OBE), School of Civil Engineering, USM (2016 – 2018)
6. Panel Member of Internal Audit for All Academic Programmes (Undergraduate and Postgraduate), Universiti Sains Malaysia (USM) (2013 – 2015)
7. Committee Member of Positioning the School of Civil Engineering, School of Civil Engineering, USM (2013 – 2015)
8. Committee Member of the Outcome Based Education (OBE), School of Civil Engineering, USM (2013 – 2015)
9. Panel Member of the Internal Audit for All Academic Programmes (Both Undergraduate and Postgraduate), Universiti Sains Malaysia (USM) (2010 – 2012)
10. Committee Member of Academic Staff – Student Society, School of Civil Engineering, USM (2010 - 2011)
11. Head of the Exhibition Committee, International Conference On Civil Engineering (AICCE’12) and Geohazard Information Zonation (GIZ’12) organised by the School of Civil Engineering, Universiti Sains Malaysia (USM) at Park Royal Hotel Penang 28-30 August 2012 (2012)
12. Committee Member for the Annual School of Civil Engineering Report, School of Civil Engineering, USM (2010)
13. Committee member for Industrial Training School of Civil Engineering, USM (2010 - 2011)
14. Representative for the School of Civil Engineering, USM to official meetings at the School of Electrical & Electronics, USM (2010 – 2012)

15. Secretariat for the 5<sup>th</sup> Civil Engineering Conference AWAM'09, Corus Hotel, Kuala Lumpur, 27 – 29 October 2009 (*organised by the School of Civil Engineering, USM*) (2009)
16. Deputy Chairman of the Staff Welfare Club, School of Civil Engineering, USM (2008 – 2010)
17. Committee Member for Community Service, School of Civil Engineering, USM (2009)

## **TEACHING SUBJECTS**

	<b>Course</b>	<b>Topics</b>	<b>Sub-Topics</b>
1	EAA101 Civil Engineering Drawing	AutoCAD 2D; AutoCAD 3D	AutoCAD 2D: basic drawing & editing commands; inserting blocks; setting up a layout; printing drawing; architectural drawing of a building AutoCAD 3D: basic drawing & editing commands; 3D surface and solid modelling
2	EUP 222 Engineers in Society	Basic Management; Project Management	Basic management functions: strategic planning, human resource management, professional characteristics/skills, common problems in basic management Project management: Project management, construction project management, project life cycle, ten commandments in project management, integration management, scope management, time management, cost management, quality management, negotiation skills
3	EAA 483 Construction Management	Health & Safety	Health & safety in construction, Occupational Safety & Health Act (OSHA), OSHA Regulation Act 1994, Personal Protective Equipment (PPE)
		Quality Management	Quality Assurance (QA), Quality Control (QC), Total Quality Management (TQM), Continuous Quality Improvement (CQI), QLASSIC
4	EAA 486 Project Management	Procurement	Concept of procurement, procurement plan, procurement contract, procurement process, project procurement management PMBoK
5	EAA 493 Integrated Project Design	Risk Management	Project scheduling, risk identification, risks assessment, risk mitigation, risk monitoring & control, risk register
6	EUP 501 Engineering Management (MSc Mixed-Mode)	Project Management; Risk Management	Risk and uncertainty in construction projects, risk management process, Public Private Partnership (PPP)/Private Finance Initiative (PFI), procurement process, QLASSIC, causes and effects of cost overrun and time overrun in construction

## **RESEARCH SUPERVISION (Main Supervisor)**

### **a) Doctor of Philosophy (PhD)**

	<b>Candidate</b>	<b>Title</b>	<b>Status</b>
1	Khaled M. Amtered El-Abidi	Development of Prefabricated Building Implementation Framework for Addressing Housing Needs in Libya	Completed (2018)
2	Rami Mohammad Deeb Alawneh	Developing Framework for A Conceptual Model Towards Assessing the Environmental Compliance of Non-Residential Building in Jordan	Completed (2019)
3	Lee Yong Siang	Effective risk contingency plan for managing risks	Completed

		during operation and maintenance of tunnelling projects in Malaysia	(2020)
4	Samsul Abd Rashid	The negotiation process model of Private Finance Initiative/Public Private Partnerships for highway projects in Malaysia	Completed (2021)
5	Mashitah Muhamad Puad	Quality assessment system for building construction works implementation impacts in Malaysia	Active
6	Suleiman Faleh Awwad Qudah	The Role of Inefficient Administrative and Financial Management on Delay of Construction Projects in Jordan	Active
7	Saleem Gnefeth S. Alenezi	The Management of Environment Risks Within Mining Companies in Saudi Arabia	Active
8	Zhao Ding	Managing Risks of Construction Projects in China Through Effective Engineering Procurement Construction (EPC) Contracts.	Active
9	Wang Yue	Evaluation And Impact Of Effective Project Management In The Construction Sector In China	Active
10	Haval Mohammed Salih	Enhancing Kurdistan Region Government's Project Quality Management System Performance By Implementing Total Quality Management (TQM)	Active
11	Liu Sai	Application of BIM Technology for Project Management	Active
12	Teng Senlin	A Study On the Strategic Essential Risks Involved in Construction Projects in China.	Active

#### b) Masters By-Research (MSc)

	Candidate	Title	Status
1	Azlinda Ahmad	Critical Success Factors for Government Hospital Projects in Malaysia	Completed (2012)
2	Derrick Tan Jian-Ze	Critical Success Factors of Malaysian Contractors in International Construction Projects Using The Analytic Hierarchy Process (AHP)	Completed (2013)
3	Muhammad Nizar Saddum	Privatized Facilities Management at Government Hospitals in the Northern Region of Malaysia	Completed (2015)

#### c) Final Year Project (FYP)

	Candidate	Title	Status
1	Khaironnaemy Haron	Operational risk for highway projects in Malaysia: view from currently operating Penang Bridge	Completed (2009)
2	Dayang Hairunisa Awang Sauni	Risks in the contract structure of a highway project in Malaysia: a study on the Butterworth outer ring project	Completed (2009)
3	Derrick Tan Jian-Ze	Privatization of highway projects in Malaysia: advantages and disadvantages to the public sector	Completed (2009)
4	Mohd. Fakhri Jamalludin	The effectiveness of MADA water distribution management	Completed (2010)

5	Azizi Mat Shariff	Effective management of a sewerage treatment plant in Penang: A case study on the Jelutong Sewerage Treatment Plant (JSTP)	Completed (2010)
6	Mohd. Syamim Saharruddin	The application of quality control system in public sector projects in Penang by the building/infrastructure contractors	Completed (2010)
7	Nor Hamizah Ishak	Hazards at construction sites in Malaysia	Completed (2010)
8	Mohd. Khairul Nizam Mohamad Anuar	A study on the building maintenance system at Universiti Sains Malaysia (engineering campus)	Completed (2010)
9	Nor Hidayah Ismail	A study on unnecessary costs in building construction: A case study on a project in Penang	Completed (2010)
10	Wong Han Chion	Risks in tunnelling construction projects in Malaysia	Completed (2011)
11	Jeffrey Ong Ping Ping	The impact of Green Building Index (GBI) practice on construction projects in Malaysia	Completed (2011)
12	Farah Roslay	Operation and maintenance of hard facilities at the USM engineering campus: The effectiveness of the Call Management System (CMS) in practice	Completed (2011)
13	Syazwani Nordin	The importance of managing project key constraints in actual construction projects in Malaysia	Completed (2011)
14	Clement Chhin Chee Xiong	Comparison of the risk management approach used by local and foreign PPP/PFI projects	Completed (2012)
15	Nor Amira Basri	Critical success factors for Public Private Partnership (PPP) projects in Malaysia: A Case study on the operation and maintenance of PPP highway Project	Completed (2012)
16	Mazirah Malek	Significant Risks for Highway Projects in Malaysia: Case Study on the Operating Penang Bridge and Butterworth Outer Ring Road	Completed (2012)
17	Nurul Nadiyah A Wahab	The Effectiveness of Scheduled Operation & Maintenance of Hard Facilities at USM Main Campus	Completed (2013)
18	Muhammad Danial Mazlan	The effectiveness of health & safety measures implemented at the construction sites of building and infrastructure projects in Penang	Completed (2015)
19	Warid Wazien Ahmad Zailani	Roles and responsibilities of LLM towards ensuring a successful service delivery of highway projects in Malaysia	Completed (2015)
20	Saifulnizar Md Hilmi	The efficiency of risk management implemented in complex building and infrastructure projects in Malaysia: The PROKOM-JKR approach	Completed (2015)
21	Khairul Nizam Anuar Bashah	The critical factors considered in toll rate decisions for highway projects in Malaysia	Completed (2016)
22	Siti Najwa Abdullah	Contingency plan for managing slope-related risks: A case study of Menora Tunnel	Completed (2018)
23	Nur Aini Kamaruzaman	Managing structure-related risks for highway tunnelling projects in Malaysia: A contingency plan for Menora Tunnel	Completed (2018)
24	Ho Qin Ning	The ranking of critical safety and health factors for	Completed

		construction site of high rise residential building in Penang	(2019)
25	Amarpreet Kaur a/p Mahinder Singh	Critical success factors (CSFs) for Malaysian contractors in international construction projects	Completed (2019)

## **RESEARCH GRANT**

### **a) Principal Investigator (PI)**

	<b>Grant Name</b>	<b>Title</b>	<b>Amount</b>	<b>Status</b>
1	Incentive Grant USM	Development of a balance scorecard	RM5,000	Completed (2008-2009)
2	Short-Term Grant USM	Managing operational risks for highway projects in Malaysia through effective contract structure	RM39,938	Completed (2009-2011)
3	Short-Term Grant USM	A study on the effectiveness and efficiency of facility engineering maintenance services of government hospitals in the northern region of Malaysia	RM35,040	Completed (2010-2012)
4	Fundamental Research Grant Scheme (FRGS)	critical success factors for Malaysian contractors in international construction projects	RM50,000	Completed (2009-2011)
5	Exploratory Research Grant Scheme (ERGS)	The procurement process best practice for Private Finance Initiative (PFI)/ Public Private Partnership (PPP) construction projects in Malaysia	RM57,000	(Completed (2011-2014)
6	Division of Industry & Community Network Research (BJIM) USM	Assessing the effectiveness of the Outcome Based Education (OBE) approach in producing competent engineers to the industry: A Study on USM's School of Civil Engineering graduates	RM30,000	Completed (2011-2013)
7	Research University Individual (RUI) USM	Developing an effective non-financial framework model to minimise cost overrun during the operation and maintenance of PPP highway projects in Malaysia	RM100,000	Completed (2014-2016)
8	Bridging Grant USM	Developing a sustainable assessment framework for non-residential green building in Jordan	RM22,030	Completed (2019-2019)
9	Research University Individual (RUI) USM	Developing a conceptual framework for sustainability assessment of infrastructure projects in Malaysia	RM69,000	Active (2020-2022)

### **b) Co-Researcher**

	<b>Grant Name</b>	<b>Title</b>	<b>Amount</b>	<b>Status</b>
1	Fundamental Research Grant Scheme (FRGS)	Synthesis and characterization of disaster-associated vulnerability and risk governance for sustainable infrastructure in Malaysia coastal regions	RM83,440	Active (2016-2020)

## **RESEARCH CONSULTANCY**

### **a) Principal Investigator (PI)**

	<b>Source of Funding</b>	<b>Title</b>	<b>Amount</b>	<b>Status</b>
1	CIDB Malaysia	Compatibility of CEEQUAL as sustainable infrastructure rating tool for Malaysia through pilot projects	RM269,824.79	Completed (2017)
2	CIDB Malaysia	Non-Compliance of IBS Adoption in Public Projects Worth RM10 Million and Above	RM49,550.57	Completed (2017)
3	CIDB Malaysia	Developing a sustainable infrastructure rating tool for Malaysia: The Sustainable INFRASTAR	RM489,710.42	Completed (2019)
4	CIDB Malaysia	Developing a training module for Malaysia infrastructure rating tool: The Sustainable INFRASTAR	RM284,377.59	Completed (2020)

### **b) Co-Researcher**

	<b>Source of Funding</b>	<b>Title</b>	<b>Amount</b>	<b>Status</b>
1	CIDB Malaysia	Benchmarking study on the existing sustainable infrastructure rating tool around the world	RM95,056.67	Completed (2016)

## **THESIS EXAMINATION**

### **a) Doctor of Philosophy (PhD) – Internal Examiner**

	<b>Candidate</b>	<b>Title</b>	<b>Status</b>
1	Puteri Shakira Jahn Kassim (HBP)	Public-Private Partnerships in housing development	Completed (2012)
2	Mohamed Noor Azahari Azman	Spatial statistical study on the appropriateness of IBS towards establishing locational attributes for precast manufacturing plant	Completed (2013)
3	Suliahti Hashim (HBP)	Outsourcing of hospital support service in Malaysia	Completed (2014)
4	Farah Alwani Wan Chik	Development of wind risk mitigation framework for rural houses in Northern Peninsular Malaysia	Completed (2018)



5	Nur Soleha Abdul Rahim	Development of Building Information Modelling (BIM) Implementation Framework in Malaysia: Demand and Supply Perspective	Completed (2019)
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**b) Doctor of Philosophy (PhD) – External Examiner**

	Candidate	Title	Status
1	Mohd Firdaus Mustaffa Kamal (UiTM)	A project management technical framework for Public Client Project Managers (PCPM)	Completed (2015)
2	Mohammed Elhaj Alsoufi Mohammed Ahmed (UNITEN)	The strategies of lean planning to improve project delivery at selected construction sites in Klang Valley, Malaysia : A structural equation modelling approach	Completed (2020)

**c) Masters By-Research (MSc) – Internal Examiner**

	Candidate	Title	Status
1	Nurhidayah Mohd Radzi (HBP)	A comparative study on the application of public and private procurement system in Malaysia	Completed (2011)
2	Nur Diyana Hilmi	Development of spatial multiple criteria location model - case study on optimal location for prefabrication industry	Completed (2016)
3	Nur Ain Che Aziz	The priority of the facilities needed at public market as one stop centre in Parit Buntar	Completed (2017)
4	Nurmimi Fardiana Mohd Toha (HBP)	Menilai Penglibatan Pemegang Taruh di dalam Sistem pemerolehan Reka Bentuk dan Bina bagi Projek Hospital Awam	Completed (2018)

**d) Masters By-Research (MSc) – External Examiner**

	Candidate	Title	Status
1	Asmawati Che Hassan (UiTM)	Model development for estimating construction material waste generated from building projects	Completed (2013)
2	Nur Alkaf Abd Karim (UTHM)	Risk factors for Public Private Partnership (PPP) infrastructure construction projects	Completed (2015)
3	Jarren Tan Yun Ping (UNIMAS)	Procurement route selection guideline for construction projects in Malaysia	Completed (2016)
4	Izzah Sofea Ibrahim (UTHM)	Forecasting housing demand in Terengganu	Completed (2018)
5	Norfarahayu Kariya (UTHM)	Determination of life expectancy of generic house components in Malaysia	Completed (2019)
6	Nurul Izzati Ahmat @ Ibrahim (UNIMAS)	The impact of building surfaces towards the development of Urban Heat Island (UHT) phenomenon	Completed (2020)
7	Abubaker Salem Saleh Ba-Batin (UNITEN)	Development of a green building management framework based on structural equation modelling	Completed (2020)

## **RESEARCH PUBLICATION**

### **a) Journal**

1. F.E. Mohamed Ghazali and S. Kabir (2009), Determination of Risk Identification Process Employed by the NHS for PFI hospital projects in the UK, *Journal of Industrial Engineering and Management (JIEM)*, Volume 2, Issue 3, pp. 558-568
2. F.E Mohamed Ghazali (2010), Operational Risks for Highway Projects in Malaysia, *International Journal of Human and Social Sciences*, Vol 5, Issue 1, pp.22-25
3. F.E Mohamed Ghazali and H.C Wong (2014), Risk Ranking for Tunnelling Construction Projects in Malaysia, *Journal of Construction Engineering and Project Management*, Vol. 4, Issue 1, pp. 29-36
4. F.E Mohamed Ghazali and S. Syafalni (2014), The effectiveness of landfill operation in Malaysia: A Comparative Risk Investigation on Groundwater Contamination at Open Dump Site and Sanitary Landfill, *International Journal of Applied Environmental Sciences*, Vol. 9, Issue 4, pp. 1673-1687
5. F.E Mohamed Ghazali, S. Syafalni and S. Mohamad Noor (2014), Public Perception on the Current Solid Waste Management System in Malaysia: A comparative study on the Matang Landfill and Bukit Tagar Sanitary Landfill (BTSL), *World Applied Sciences Journal (WASJ)*, Vol. 32, Issue 5, pp. 872-883
6. Y. Zainun, F. E. Mohamed Ghazali and M. S. Mohd Sallehudin (2016), Prediction of low cost housing demand in Malaysia using ARIMA model, *MATEC Web of Conference*, Vol. 47 Issue 7.
7. S. Abd Rashid, F. E Mohamed Ghazali and Noor Yasmin Zainun (2016), The awareness of Private Finance Initiative (PFI)/Public Private Partnership (PPP) Projects: Government perspective, *ARNP Journal of Engineering and Applied Sciences*, Vol. 11, No. 16 8.
8. F.E Mohamed Ghazali, S. Abd Rashid, A.F Mohd Sadullah (2017), The critical success factors for Public-Private Partnership highway construction project in Malaysia, *Journal of Engineering and Technology (JET)*, Volume 8 Issue 1, 69-84 9.
9. Y.S Lee, F.E Mohamed Ghazali, N.Y Zainun (2017), General risks for tunnelling projects: An overview, *AIP Conference Proceedings*, Vol. 1865 Issue 1 10.
10. S.A Syed Zakaria, A.F Mohd Sadullah, T. A. Majid and F.E Mohamed Ghazali (2017), Identification of patent in incentivizing innovation for sustainability in the construction industry, *AIP Conference Proceedings*, Vol. 1865 Issue 1 11.
11. A.A. Redzuan, E. Aminudin, R. Zakaria, F.E Mohamed Ghazali, and Y.S Lee (2017), Succeeding criteria of community based on land transportation infrastructure for Johor innovation valley development, *AIP Conference Proceedings*, Vol. 1865 Issue 1 12.

12. N.Y Zainun and F.E Mohamed Ghazali (2017), Significant factors of key parameters for low medium cost housing demand in Malaysia, *Engineering Heritage Journal*, Vol. 1, Issue 1, pp. 25-28 13.
13. F. E Mohamed Ghazali, S. Abd Rashid and Mohd Sadullah, A.F (2018), Critical success factors in a public-private partnership highway project in Malaysia: Ampang - Kuala-Lumpur elevated highway, Management, Procurement and Law, *Proceedings of the Institutions of Civil Engineers*, Vol. 170, Issue MP6 14.
14. Y.S Lee and F. E Mohamed Ghazali (2018), Major functional risks for operation and maintenance of tunnelling projects, *ESTEEM Academic Journal*, Vol. 14, Special Issue Jan 2018, pp. 24-37 15.
15. Y.S Lee and F. E Mohamed Ghazali (2018), Slope-related risks for operation and maintenance of tunnelling projects: An overview, *Journal of Built Environment, Technology and Engineering*, Vol. 4
16. AR Likita, Nur Yasmin Zainun, IA Rahman, ASM Abdul Awal, A R Alias, Mq Abdul Rahman, F.E Mohamed Ghazali (2018), An Overview of Total Quality Management (TQM) practice in Construction Sector, *IOP Conf. Series: Earth and Environmental Science*, Vol. 140 (2018) 012115: pg.1-8
17. R Alias, Nur Yasmin Zainun, IA Rahman, A Suratkon, N Sulaiman, F.E Mohamed Ghazali, N Shamsuddin (2018), Headship Rate Projections for Housing Demand in Johor Malaysia, *Journal of Physics: Conference Series – IOP science*, 1019 (2018) 012005: 1-7
18. Lee Yong Siang, F.E Mohamed Ghazali, 2018, Drainage-Related Risks for Operation and Maintenance of Tunnelling Projects: an Overview, *International Journal of Engineering & Technology*, Volume 7, pg. 62-64
19. F.E Mohamed Ghazali, Abd Rashid, Ahmad Farhan Sadullah (2018), Disparity between the procurement process best practices for PPP projects in the UK and Malaysia, *Proceedings of the Institution of Civil Engineers: Management, Procurement and Law*, Volume 171, Issue 6, December 2018, pp. 264-270
20. Rami Alawneh, F.E Mohamed Ghazali, Hikmat Ali, Muhammad Asif (2018), Assessing the contribution of water and energy efficiency in green buildings to achieve United Nations Sustainable Development Goals in Jordan, *Building and Environment*, Volume 146: pg.119-132
21. Rami Alawneh, F.E Mohamed Ghazali, Hikmat Ali, Muhammad Asif (2019), A new index for assessing the contribution of energy efficiency in LEED 2009 certified green buildings to achieving UN sustainable development goals in Jordan; *International Journal of Green Energy*; Vol. 16, No 6, pg.490–499
22. Rami Alawneh, F.E Mohamed Ghazali, Hikmat Ali, Ahmad Farhan Sadullah (2019), A Novel framework for integrating United Nations Sustainable Development Goals into sustainable non-residential building assessment and management in Jordan, *Sustainable Cities and Society*, Volume 49 (2019), No. 101612
23. N. N Ajman, N.Y Zainun, N. Sulaiman, S.H Khahro, F. E Mohamed Ghazali and

M. H Ahmad (2021), Environmental Impact Assessment (EIA) Using Geographical Information System (GIS): An Integrated Land Suitability Analysis of Filling Stations, *Sustainability, Volume 13, No. 9859*.

24.

#### **b) Chapter in Research Book**

1. F.E Mohamed Ghazali and M. Jaafar @ Mustapha (2020), Risk Management Practice in a Construction Project: in Risk Management in Engineering and Construction: Tools and Techniques, *Routledge, London/New York, pg. 306-324*
2. F.E Mohamed Ghazali, N.Y Zainun and Mohammad H (2021), Managing Risk in Construction Projects: in Sustainable Construction Engineering, *Penerbit UTHM, pg. 102-124*

#### **c) Conference Proceedings**

1. F.E Mohamed Ghazali (2009), Operational risks for highway projects in Malaysia, *Proceedings of World Academy of Science, Engineering and Technology, Volume 41, May 2009 Tokyo, Japan; ISSN 2070 – 3740*
2. F.E. Mohamed Ghazali and Derrick Tan J.Z. (2009), Privatization in the construction industry in Malaysia: advantages and disadvantages of PFI to the public sector, *Proceedings of the 8<sup>th</sup> Annual Conference of Management in Construction Researchers Association (MICRA) - organised by the School of Housing Building and Planning, Universiti Sains Malaysia, June 2009*
3. F.E. Mohamed Ghazali and Derrick Tan J.Z (2011), Critical Success Factors of Malaysian Contractors in International Construction Projects using AHP, *Proceedings of the International Conference on Engineering, Project and Production Management 2011, National University of Singapore, September 2011*
4. F. E Mohamed Ghazali, H. Abdul Aziz and T. Abdul Majid (2013), The Attainment Programme Outcome for the Bachelor Degree of Civil Engineering at USM via Employer Survey's Ranking Assessment, *Persidangan Pembangunan Pelajar Peringkat Kebangsaan NASDEC 2013, Universiti Teknologi Malaysia, November 2013*
5. K.M.A El-Abidi, F.E Mohamed Ghazali and Azman, M.N.A (2014), Managing transformation: A focus on Prefabricated Building in the Libyan Construction Industry, *CIB International Conference on Construction in a Changing World, May 2014, Heritance Kandalama, Sri Lanka*
6. El-Abidi, K.M.A, Mohamed Ghazali, F.E. and Azman, M.N.A. (2015), Motivations and limitations of prefabricated buildings: An Overview, *AWAM International Conference on Civil Engineering (AICCE), Universiti Sains Malaysia*
7. S. Abd Rashid, F. E Mohamed Ghazali and N.Y Zainun (2015), The Awareness

- of Private Finance Initiative (PFI)/Public Private Partnership (PPP) Projects: Government Perspective, *Malaysian Technical Universities Conference on Engineering and Technology (MUCET)*
8. Noor Yasmin Zainun, Farid Ezanee Mohamed Ghazali and Nurfilzah Bte Mohamad Rawan (2015), Key Parameters for Medium Cost Housing Demand In Malaysia, Malaysian Technical Universities Conference on Engineering and Technology (MUCET)
  9. F. E Mohamed Ghazali, S. Abd Rashid and A.F Mohd Sadullah (2016), The Critical Success Factors for Highway/ Infrastructure Public Private Partnership (PPP) Projects in MALAYSIA: A Case Study on the Butterworth Outer Ring Road (BORR), The 1st Conference on Engineering, Technology & Education 2016 (1st CETEd'16), Malacca, October 2016

**d) Paper Reviewer (Journal)**

1. An innovative partnership framework for sustainable development of rural areas in South Africa: The role of project management firms; *Journal of Engineering, Design and Technology (JEDT)*, Southern Africa Built Environment Research Centre (SABERC), South Africa (reviewed Mac 2009)
2. Investigating the risks associated with the JBCC (principal building agreement) from the South African contractor's perspective; *Journal of Engineering, Design and Technology (JEDT)*, Southern Africa Built Environment Research Centre (SABERC), South Africa (reviewed Mac 2009)
3. Rethinking the performance of design and building procurement in construction projects in Nigeria; *Journal of Engineering, Design and Technology (JEDT)*, Southern Africa Built Environment Research Centre (SABERC), South Africa (reviewed Mac 2009)
4. Cause of delay and its effects in large MARA construction projects; *International Journal of Integrated Engineering*, Universiti Tun Hussein Onn (UTHM), Malaysia (reviewed June 2009)
5. Contributions to public-private partnership research beyond the construction mainstream; *Journal of Construction Management and Economics*, Department of Civil and Building Engineering, Loughborough University (reviewed October 2010)
6. Development of framework structure to enhance the implementation of PFI projects in Malaysia, *Journal of Construction in Developing Countries*, School of Housing, Building and Planning (HBP), Universiti Sains Malaysia (reviewed December 2013)
7. Views from Malaysian construction firms towards international construction projects, *Journal ESTEEM*, UPENA UiTM Pulau Pinang, (reviewed April 2009)
8. Contractors certified to ISO 9001/2000 – Any Benefits? *Journal ESTEEM*, UPENA UiTM Pulau Pinang, (reviewed April 2009)

9. Choices of entry mode into international market by Malaysian construction firms using multinomial regression model, *Journal ESTEEM*, UPENA UiTM Pulau Pinang (reviewed December 2013)
10. Comparative study on adoption of Industrialised Building System (IBS) for competitive advantage using technology value perception, *Malaysian Construction Research Journal (MCRJ)*, Construction Research Institute of Malaysia (CREAM) (reviewed December 2015)

**e) Paper Reviewer (Conference Manuscripts)**

1. A perspective on the identification of patent as an innovation strategy in civil engineering, *5<sup>th</sup> Civil Engineering Conference AWAM'09*, Corus Hotel, Kuala Lumpur, 27 – 29 October 2009
2. Project management consultant in Malaysia: the lessons learned, *5<sup>th</sup> Civil Engineering Conference AWAM'09*, Corus Hotel, Kuala Lumpur, 27 – 29 October 2009
3. Assessing the value of construction technology based on technology application and strategy in construction industry - a review, *5<sup>th</sup> Civil Engineering Conference AWAM'09*, Corus Hotel, Kuala Lumpur, 27 – 29 October 2009
4. A study on the level of implementation of value engineering in the Malaysian construction, *5<sup>th</sup> Civil Engineering Conference AWAM'09*, Corus Hotel, Kuala Lumpur, 27 – 29 October 2009
5. Overview of construction occupational health and safety practices in Malaysia, *5<sup>th</sup> Civil Engineering Conference AWAM'09*, Corus Hotel, Kuala Lumpur, 27 – 29 October 2009
6. Identification of Malaysian Contractors with Sustained International Operations (CSIO), *International Civil and Infrastructure Engineering Conference (InCIEC 2014)*, 28th September 2014 – 1st October 2014
7. Developing an Accident Causation Model for Accident Prevention in Building Construction Sites, *International Civil and Infrastructure Engineering Conference (InCIEC 2014)*, 28th September 2014 – 1st October 2014
8. Evaluating Importance Level of Buildability Factors in Cambodian Construction Projects, *International Civil and Infrastructure Engineering Conference (InCIEC 2014)*, 28th September 2014 – 1st October 2014
9. Development of As-Built Drawings Framework Submission for Malaysian Tolled Highway, *International Civil and Infrastructure Engineering Conference (InCIEC 2014)*, 28th September 2014 – 1st October 2014

**OTHERS**

**a) Invited Speaker/Facilitator**

1. Speaker for Conference on Essential Project Management Skills For The Public Sector; J.W. Marriot Hotel, Kuala Lumpur, 29–30 June 2009  
Topic: Improving the performance of public sector projects (a review on success factors of public sector projects in the UK, risks towards project success and also strategies to enhance project viability/success)
2. Facilitator for Risk Management Workshop for Technical Staff and Administrators, School of Civil Engineering, Universiti Sains Malaysia, 19 June 2014

**b) Seminar/ Short Course - Participant**

1. ASEAN University Network (AUN) Quality Assurance (QA) workshop on academic programme assessment Tier-1, Universiti Malaya, 25 -27 April 2016
2. Association of Project Management (APM) UK 4-Day Short Course Training, London, 2011
3. Research Supervisor Training Workshop, Monash University Sunway Campus, 29 September 2009
4. The 15<sup>th</sup> Asia Construct Conference CIDB 2009, Renaissance Hotel, Kuala Lumpur, 19-20 October 2009
5. 2<sup>nd</sup> Construction Industry Research Achievement International Conference (CIRAIC) CIDB 2009, Legend Hotel, Kuala Lumpur, 3-4 November 2009
6. Special Talk by Prof. Dean T. Kashawagi: “How does research fix the problems in the construction industry”, Legend Hotel, Kuala Lumpur, 5 November 2009

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