

CURRICULUM VITAE



Dr. Nuzul Azam Haron

Senior Lecturer
Department of Civil Engineering
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Education

1. PhD. Construction Management, 2012, Universiti Malaya
2. MS. Project Management, 2003, Universiti Putra Malaysia
3. Bac. Quantity Surveying, 1999, Universiti Teknologi Malaysia
4. Diploma Quantity Surveying, 1997, Universiti Teknologi Malaysia

Areas of Interest

1. Project Management
2. Construction Management
3. Construction Technology
4. Construction Contract Management
5. Construction Cost Estimation
6. Industrialised Building System
7. Quality Function Deployment

Professional Qualification/Membership/Affiliation

1. SAVE International: The Value Society, USA
2. International Association of Engineers (IAENG)
3. Malaysian Society for Engineering and Technology (MySET)
4. Housing Research Centre (HRC), UPM
5. Road Safety Research Centre (RSRC), UPM
6. Kelab Sukan dan Kebajikan, (KSK) Fakulti Kejuruteraan, UPM
7. Persatuan Pegawai Akademik, (PPA) UPM

Appointments

Position	Duration
1. Alumni Coordinator , Department of Civil Engineering, Universiti Putra Malaysia	1 January 2018 - Present
2. Postgraduate Coordinator , Department of Civil Engineering, Universiti Putra Malaysia	1 Sep 2011 – 31 December 2017
3. Senior Lecturer , Department of Civil Engineering, Universiti Putra Malaysia	1 March 2015 - Present
4. Lecturer , Department of Civil Engineering, Universiti Putra Malaysia	1 March 2003 – 29 February 2015
5. Tutor , Department of Civil Engineering, Universiti Putra Malaysia	1 January 2000- 30 February 2003

Journals

1. Mohammad Adam B M Y, Zukhairi B M Redzuan, Muhammad Fikri B K and **N A Haron** (2018) A Review of Application of Risk Management in Malaysia Construction Industry, IOP Conference Series: Earth and Environmental Science, ISSN: 1755-1307 (**Under Review**, Scopus index).
2. Azher Taha Al-Jumaa, **Nuzul Azam Haron**, Helmi Mohd Shafri, Abdul Aziz Abdullah, and Aizul Nahar Harun (2018) Improving Sustainability Performance for the Light Rail Transit (LRT) Projects at the Early Stage, IOP Conference Series: Earth and Environmental Science, ISSN: 1755-1307 (**Under Review**, Scopus index).
3. Mohd Norizam Md Salleh, **Nuzul Azam Haron**, Helmi Zulhaidi Mohd Shafri, Abdul Aziz Abdullah and Nadzrol Fadzilah Ahmad (2018) The Important of Horizontal Directional Drilling Standard Technical Requirements, IOP Conference Series: Earth and Environmental Science, ISSN: 1755-1307 (**Under Review**, Scopus index).
4. Muhammad Firdaus Razali, **Nuzul Azam Haron**, Salihudin Hassim, Aidi Hizami Alias, Aizul Nahar Harun, Abdurrahman Salihu Abubakar (2018) A Review: Application of Building Information Modelling (BIM) over Building Life Cycles, IOP Conference Series: Earth and Environmental Science, ISSN: 1755-1307 (**Under Review**, Scopus index).
5. M. M. Tahir, **N. A. Haron**, A. H. Alias, A. T. Al-Jumaa, I. B. Muhammad (2018) The impact of BIM application on construction delays and cost overrun in Developing countries, IOP Conference Series: Earth and Environmental Science ISSN: 1755-1307 (**Under Review**, Scopus index).
6. Mohd Norizam Md Salleh, **Nuzul Azam Haron**, Helmi Zulhaidi Mohd Shafri, Abdul Aziz Abdullah, Nadzrol Fadzilah Ahmad (2018) A Glimpse of Horizontal Directional Drilling Productivity Factors, IOP Conference Series: Materials Science and Engineering, SEPKA (**Accepted** SJR Q4, Scopus index).
7. M.I.C. Azami, A.H. Alias, S. Hassim, **N.A. Haron**, N.S.N.Ezani, M.A. Jaafar (2018) On the Usage of KAP in Analyzing the Barriers in Practicing Green Construction in Malaysia, AIP Conference Proceeding 2020: Advance in Civil Engineering and Science Technology, 020060-1-020060-13, doi.org/10.1063/1.5062686, 978-0-7354-1738-0, 020060-1 (Scopus Index)
8. N.S.N. Ezani, A.H. Alias, I.C. Azami, S. Hassim and **N.A. Haron** (2018) Sustainability: Assessment of Green Procurement Implementation in the Construction Industry of Malaysia, AIP Conference Proceeding 2020: Advance in Civil Engineering and Science Technology 020062-1-020062-8, doi.org/10.1063/1.5062688, 978-0-7354-1738-0, 020062-1 (Scopus Index)
9. H I Sibaruddin, H Z M Shafri, B Pradhan and **N A Haron** (2018) Comparison of pixel-based and object-based image classification techniques in extracting information from UAV imagery data, IOP Conference Series: Earth and Environmental Science, 169 (2018) 012098, doi:10.1088/1755-1315/169/1/012098 (Scopus index).
10. Muhammad Tahir Muhammad, **Nuzul Azam Haron**, Aidi Hizami Alias, and Aizul Nahar Harun (2018), Improving Cost and Time Control in Construction Using Building Information Model (BIM): A Review, Pertanika Journal of Science and Technology, Vol. 26, No. 3, 21-36, ISSN:0128-7680 (Scopus index, SJR Q3)
11. Sharina Fathi, Aizul Nahar Harun, Shuib Rambat, Mohd Nasrun Mohd Naw, **Nuzul Azam Haron** (2018) Development of a Mobile Aquaculture Management Systems for Performance Monitoring of Aquaculture Players, Journal of Telecommunication, Electronic and Computer Engineering, Vol. 10, No.1-11 e-ISSN: 2289-8131 (Scopus index).

12. Mohd Norizam M S, **Nuzul Azam H**, Helmi Zulhaidi S, Abdul Aziz A, Nadzrol Fadzilah A (2017) Literature review of the benefits and obstacle of horizontal directional drilling, IOP Conf. Series: Materials Science and Engineering, 271 (2017) 012094 doi:10.1088/1757-899X/271/1/012094 (SJQR Q4, Scopus index).
13. **Haron, N.A.**, Hua, L. T., Hassim, S., Eftekhari, F., M. M. Tahir, Harun, A. N. (2017) Strategies to improve communication management within virtual project teams: Engineering, Construction and Architectural Management Journal. (**Under review**, SJQR Q2, Scopus index)
14. **N. A. Haron**, P. Devi, S. Hassim, A.H. Alias, M.M. Tahir, A. N. Harun (2017) Project management practice and its effects on project success in Malaysian construction industry, IOP Conf. Series: Materials Science and Engineering, 291 (2017) 012008 doi:10.1088/1757-899X/291/1/012008 (SJQR Q4, Scopus index).
15. Muhammad Tahir, Muhammad, **Nuzul Azam, Haron**, Aidi Hizami, Alias, Azher Taha, AlJumaa, Isa Bala Muhammad (2017) Applications of Building Information Model (BIM) in Malaysian Construction Industry, IOP Conf. Series: Materials Science and Engineering, 291 (2017) 012009 doi:10.1088/1757-899X/291/1/012009 (SJQR Q4, Scopus index).
16. M. M. Tahir, **Nuzul Azam Haron**, A. H. Alias, A. N. Harun (2017) Strategies to improve cost and time control using building information model (BIM); Conceptual paper, Malaysian Construction Research Journal (Special Issue), Vol.1 No.1 (SJQR Q4, Scopus index).
17. Teik Hua Law, Mohd Shazwan Daud, Hussain Hamid, **Nuzul Azam Haron** (2017) Development of Safety Performance Index for Intercity Buses: An Exploratory Factor Analysis Approach, Transport Policy, 58(2017), 46-52 (ISI/JCR Q1 IF: 2.269)
18. **Nuzul Azam Haron**, Raja Putri Zariff Ana Raja Soh, and Aizul Nahar Harun (2017), Implementation of Building Information Modelling (BIM) in Malaysia: A Review, Pertanika Journal of Science and Technology, Vol. 25, No. 3, 661-674, (Scopus index, SJQR Q3)
19. Aizul Nahar Harun, Existing, Suzana Abd Samad, Mohd Nasrun Mohd Naw, **Nuzul Azam Haron** (2016) Practices of Building Information Modeling (BIM) Implementation in the Public Sector, International Journal of Supply Chain and Inventory Management, 5(4), 166-177 (Scopus index, SJQR Q3)
20. Mohsen Delfani, Rahinah Ibrahim, Mohammad Yazah Mat Raschid, Farzad Hejazi and **Nuzul Azam Haron** (2016) Towards Designing Modular of Industrialised Building Systems, Jurnal Teknologi (Sciences and Engineering), 78:5, 387-391 (SJQR Q3, Scopus Index)
21. **Nuzul Azam Haron**, Hamzah Abdul-Rahman, Chen Wang and Lincoln C. Wood (2015), Quality Function Deployment Modelling to Enhance Industrialised Building System Adoption in Housing Projects, Total Quality Management & Business Excellence, Vol. 26, No. 7, 703-718, (SJQR Q1, ISI/JCR Q3 IF: 1.368)
22. Lee Mei Fei and **Nuzul Azam Haron** (2015) Overview on The House Price in Klang Valley, International Journal of Engineering and Scientific Research, 3(10), 74-86 (Scopus IF: 0.570)
23. F. Eftekhari and **Nuzul Azam Haron** (2014) The Effect of Communication on Identity in Virtual Project Managements, International Journal of Current Life Sciences, 4(9), 7633-7638 (Scopus IF: 0.570)
24. Cindy Liew and **Nuzul Azam Haron** (2013):, Factors Influencing the Rise of House Price in Klang Valley, International Journal of Research in Engineering and Technology, 2(10), 261-272 (Index Copernicus, IF: 1.962 by ISRA, Google Scholar)
25. Mohd. Syazwan Md. Rahim and **Nuzul Azam Haron** (2013):, Construction Cost Economic Study For A Housing Project Based On Conventional And Formwork System, International Journal of

Advance Studies in Computers, Science & Engineering, 2(5), 19-25 (Index Copernicus, SciVerse, Google Scholar)

26. **Nuzul Azam Haron** and Farah Liyana Mohd Khairudin (2012) The Application of Quality Function Deployment (QFD) in the Design Phase of Industrialised Building System (IBS) Apartment Construction Project, European International Journal of Science and Technology, 1(3), 56-66 (Index Copernicus, Google Scholar)
27. **Nuzul Azam Haron** and Zanarita Abdul Mutalib (2012) Construction Cost Variance for School Project in Malaysia, European International Journal of Science and Technology, 1(3), 43-55 (Index Copernicus, Google Scholar)
28. **Nuzul Azam Haron**, Hamzah Abdul Rahman and Mahanim Hanid (2009) A Literature Review of The Advantages and Barriers to The Implementation of Industrialised Building System (IBS) in Construction Industry, Malaysian Construction Research Journal (MCRJ), 4, 10-14 (SJR Q4, Scopus IF:0.1)
29. Mohd. Syazwan Md. Rahim, **Nuzul Azam Haron** , Salihudin Hassim, and Mohd. Razali Abd. Kadir (2006) A Survey on Construction Cost Comparison Between Conventional And Industrialised Building System for Housing Project, The Professional Journal of The Institution of Surveyors, Malaysia, 41.3, 10-13
30. **Nuzul Azam Haron** , Salihudin Hassim, and Mohd. Razali Abd. Kadir (2006) The Building Cost Comparison Between Conventional And Fully Prefabricated Systems In Malaysia : A Case Study Of Single And Double Storey House, The Professional Journal of The Institution of Surveyors, Malaysia, 41.3, 22-28
31. **Nuzul Azam Haron** , Salihudin Hassim , Mohd. Razali Abd. Kadir, Mohd. Saleh Jaafar (2005) Building Cost Comparison Between Conventional and Formwork System, Journal of Technology (Construction Design and Planning) UTM, 43, 1-11, (SJR Q3, Scopus, Google Scholar)
32. **Nuzul Azam Haron** , Salihudin Hassim , Mohd. Razali Abd. Kadir, Mohd. Saleh Jaafar (2005) Building Cost Comparison Between Conventional and Formwork System: A case study of 4 Storey of School Building, American Journal of Applied Sciences, 2(4), 819-823, (SJR Q2, Scopus IF: 1.4, Google Scholar)
33. **Nuzul Azam Haron** , Salihudin Hassim, Mohd. Razali Abd. Kadir, Mohd Saleh Jaafar, (2005), The Building Cost Comparison Between Conventional And Formwork System (Industrialised Building System) of Four Storey School Buildings in Malaysia The Professional Journal of The Institution of Surveyors, Malaysia, 39.4, 26-30

Conference Proceedings

1. **Nuzul Azam Haron**, Hamzah Abdul Rahman, Mahanim Hanid, Asrul Mahjuddin Ressang Aminuddin (2009) Determination of Critical Success Factors In IBS Adoption using QFD Technique ASEAN Post Graduate Seminar in Built Environment, Universiti Malaya, Kuala Lumpur
2. **Nuzul Azam Haron**, Hamzah Abdul Rahman, Mahanim Hanid, Asrul Mahjuddin Ressang Aminuddin (2007) Construction Cost Variance Between Conventional and Industrialised Building System: A Housing Project Case Study, ASEAN Post Graduate Seminar in Built Environment, Universiti Malaya, Kuala Lumpur, 306-314
3. **Nuzul Azam Haron**, Hamzah Abdul Rahman, Mahanim Hanid, Asrul Mahjuddin Ressang Aminuddin (2007) Review the Success and Barriers Factors for Industrialised Building System (IBS) Adoption in Malaysian Construction Industry ASEAN Post Graduate Seminar in Built Environment, Universiti Malaya, Kuala Lumpur, 297-305

4. **Nuzul Azam Haron**, Hamzah Abdul Rahman, Mahanim Hanid, Asrul Mahjuddin Ressang Aminuddin (2007) The Critical Success Factors To Increase Customer Satisfaction In IBS Building Construction Using QFD, ASEAN Post Graduate Seminar in Built Environment, Universiti Malaya, Kuala Lumpur, 49-55
5. **Nuzul Azam Haron**, Salihudin Hassim, Mohd. Razali Abd. Kadir (2006) The Practicing Estimating Method In Malaysia's Building Construction Industry International Conference On Construction Industry ,Universitas Bung Hatta, Padang, Indonesia
6. **Nuzul Azam Haron**, Salihudin Hassim, Mohd. Razali Abd. Kadir (2006) The Building Cost Comparison Between Conventional And Composite Construction System In Malaysia : A Case Study Of Single Storey House International Conference On Construction Industry ,Universitas Bung Hatta, Padang, Indonesia
7. **Nuzul Azam Haron**, Salihudin Hassim, Mohd. Razali Abd. Kadir, Mohd. Saleh Jaafar (2004) Building Cost Comparison Between Conventional and Some Selected Industrialised Building System, Proceedings of National Conference on Engineering and Technology, Kuala Lumpur, University Malaya, Malaysia
8. **Nuzul Azam Haron**, Salihudin Hassim, Mohd. Razali Abd. Kadir, Mohd. Saleh Jaafar (2002) Comparison of Building Cost Index Trend Against Other Economic and Construction Indicators, Proceeding 2nd World Engineering Congress (WEC), Kuching, Sarawak, Malaysia, 423-427
9. **Nuzul Azam Haron**, Salihudin Hassim, Mohd. Razali Abd. Kadir, Mohd. Saleh Jaafar (2001) Relationship of Building Cost Indices Against Malaysian Economic Indicators and Tendered Building Cost, Proceedings of National Construction Industry Conference (NACID), Senai, Johor Bahru, Johor, Universiti Teknologi Malaysia

Research Grants

No	Project Title	Amount (RM)	Year	Source of Fund
1.	Local Authorities Standard Technical Requirements for Horizontal Directional Drilling Works	20,000	2016-2018	Geran IPS UPM
2.	Governance Sustainability Integration Model to Improve Sustainability Performance at Plan and Design Phase Infrastructure Projects : Malaysia Context	20,000	2015-2017	Geran IPS UPM
3.	Customers' satisfaction on Industrialised Building System (IBS)	30,000	2011-2013	RUGS
4.	Analysis of Factors Influencing Building Cost Saving based on IBS	60,000	2006-2008	FRGS
5.	The Critical Success Factors for IBS Adoption in Malaysian Construction Industry	1,000	2007-2008	PPP-UM
6.	Building Cost Comparison Between Conventional and some selected Industrialised Building Systems	10,000	2004-2005	New Lecturer Scheme Grant

Professional Services/Consultation

No	Year	Title	Authority	Amount
1.	2005	Value Engineering in Project Management	SAVE International: The Value Society, USA	Associate Value Specialist (AVS)
2.	2013	International Association of Engineers (IAENG)	International Association of Engineers (IAENG)	Member
3.	2016	Malaysian Society for Engineering and Technology	MySET	Member

Student Supervision

PhD (Main Supervisor)

No.	Name	Thesis Title	Status
1	Azher Taha Qassim	The Application of Quality Function Deployment in Project Management	Ongoing
2	Mohd Norizam Md Salleh	Local Authorities Standard Requirements and Guideline for Horizontal Directional Drilling Works	Ongoing
3	Abubakar	Application of Abdurrahman BIM in Safety Control	Ongoing
4	Altohami Abubaker Basheer Abdalwhab	Implementation of Building Information Modelling (BIM) in infrastructure design projects for better Outcomes in Malaysian Construction Industry: MRT project case study.	Ongoing
5	Yusuf Yaqoob Yusuf Hasan Abdulla Buzaboon	Implementation of BIM in Malaysia to improve work collaboration in construction industry	Ongoing
6	Zain Azraei	Implementation of BIM in Quality Management	Ongoing

MS with Thesis (Main Supervisor)

No.	Name	Thesis Title	Status
1.	Fathollah Eftekhari	Success Factors of Virtual Project Management in the Construction Industry	Graduated (2015)
2.	Muhammad Tahir	Application of Building Information Modelling (BIM) in Malaysian Construction Industry	Graduated (2017)

MS by Coursework (Project Thesis) (Main Supervisor)

No.	Name	Project Title	Status
1.	Mas Era Karlina Binti Mohd Fauzi	Application of Risk Management in the Public Work Department Malaysia	Graduated (2013)
2.	Salizawati Bt Kamaruzzaman	Improving Supplier's Performance Evaluation Practices at Polytechnics in Pahang	Graduated (2014)
3.	Fatin Hazwani Binti Mohamad Najib	Implementation of Slope Management System and Engineering Practice in Project at Taman Setiawangsa, Kuala Lumpur	Graduated (2014)
4.	Mohd Khairy Abdul Khalek	Application of Total Quality Management (TQM) in the Construction Industry	Graduated (2014)
5.	Lee Mei Fei	The Use of Building Information Modelling (BIM) in Cost Estimating	Graduated (2016)
6.	Faizal Mohd Ismail	Application of BIM in Project Planning	Graduated (2016)
7.	Devi Peechmani	Project Management Practice and Its Effects on Project Success in Malaysian Construction Industry	Graduated (2016)
8.	Ghadanfar Elmamoun Ibrahim Khogali	Development of Earned Value Management (EVM) Application for Android Operating System	Graduated (2016)
9.	Yusuf Yaqoob Yusuf Hasan Abdulla Buzaboon	Implementation of BIM in Malaysia to Improve Work Collaboration in Construction Industry	Graduated (2016)
10.	Fadi Hassan Mohammed Al-Khatib	Implementation of BIM in Structural Engineering to Enhance Project Management and Performance	Graduated (2017)
11.	Shoban A/L Gunasekaran	Mitigation on Cost Overrun of a Project	Graduated (2017)
12.	Noor Syawal Lina Binti Halim	Building Information Modelling (BIM) Implementation to Improve Facility Management Productivity in Malaysia	Graduated (2017)
13.	Lingeswaran A/L Vengu	The Implementation of Project Management Office in Malaysian Construction Industry	Graduated (2017)
14.	Raja Putri Zarifh Ana Binti Raja Soh	Comparison Between Conventional Method and Building Implementation Modelling (BIM) in Malaysian Construction Industry: Quantity Take Off	Graduated (2017)
15.	Maryam Ozlati Moghaddam	Strategies to Improve Accuracy Cost Plan in Pre-Tender Estimation	Finished (2017)
16.	Muhammad Firdaus Razali	Development of Concept Map Towards Advancement of Building Information Modeling (BIM) Maturity Stage in the Malaysia Construction Industry : The Process of Expanding from 2D to Computable ND	Graduated (2018)