

## HASNIZAN AKSAH

Senior Lecturer, (FSPU)

Centre of Studies for Building Surveying  
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Research Interest Group:  
Sustainable Heritage Environment Research Group

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## Areas of Expertise

Building Performance, Historic Building Management, Post Occupancy Evaluation (POE), Engineering Technology, Applied Sciences and Technologies

<https://expert.uitm.edu.my/expert.php?#>  
[https://www.researchgate.net/profile/Hasnizan\\_Aksah](https://www.researchgate.net/profile/Hasnizan_Aksah)  
<https://orchid.uitm.edu.my/irmis/view/main.php?val=true>

## Personal Information

Hasnizan Aksah,  
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Centre of Studies for Building Surveying  
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## Academic Qualifications

Master of Science in Facilities Management, 2011, Universiti Teknologi Mara (UiTM)  
Degree in Building Surveying, 2009, Universiti Teknologi Mara (UiTM)  
Diploma in Technology of Civil Engineering, Universiti Tun Hussein Onn Malaysia (UTHM)

## Professional Members

1. Royal Institution of Surveyors Malaysia (RISM), Graduate Member, 2014-2020
2. Malaysian Association of Facilities Management, Ordinary Member, 2018-2020
3. Association of Malaysian Environment-Behaviour Researchers – Association of Behavioural Researchers on Asians/ Africans (AMER-ABRA), Member, 2012-2016

## Teaching and Learning

1. Degree, Jan 2017, Building Pathology and Control I, Lecture and Student Project
2. Degree, Jan 2017, Building Control, Lecture
3. Degree, July 2016, Building Pathology and Control I, Lecture and Student Project
4. Degree, July 2016, Building Control, Lecture
5. Degree, Jan 2016, Building Pathology and Control I, Lecture and Student Project
6. Degree, Jan 2016, Building Control, Lecture
7. Degree, Jan 2016, Building Pathology and Control III, Lecture and Student Project
8. Degree, July 2015, Building Construction and Materials II, Lecture
9. Degree, July 2015, Building Pathology and Control II, Lecture and Student project
10. Degree, July 2015, Building Control, Lecture
11. Degree, Jan 2015, Building Pathology and Control II, Lecture and Student Project
12. Degree, Jan 2015, Building Construction and Materials II, Lecture
13. Degree, Jan 2015, Building Control, Lecture
14. Degree, July 2014, Building Pathology and Control I, Lecture
15. Degree, July 2014, Building Construction and Materials II, Lecture
16. Degree, July 2014, Building Pathology and Control II, Lecture and Student Project
17. Degree, Jan 2014, Building Pathology and Control II, Lecture and Student Project
18. Degree, July 2013, Building Construction and Materials II, Lecture
19. Degree, July 2013, Building Control, Lecture
20. Degree, July 2013, Building Pathology and Control II, Lecture and Student Project
21. Degree, July 2013, Structures I, Lectures and Tutorial
22. Degree, July 2012, Building Construction and Materials II, Lecture
23. Degree, July 2012, Building Control, Lecture
24. Degree, July 2012, Building Pathology and Control II, Lecture and Student Project
25. Degree, July 2012, Structures I, Lectures and Tutorial

## Student Supervision

1. Siti Hajar Quraisha Binti Rahim, Post Occupancy Evaluation - Technical Performance Assessment on Historical Government Building in Kuala Lumpur, Sept 2015, Master by Research, Co-Supervisor
2. Syazwan Bin Suhaimi, Post Occupancy Evaluation on Hospital Buildings, September -Jan 2017, Supervisor
3. Yusuf Bin Ali, User satisfactions on sport facilities provided at UiTM Shah Alam, September -Jan 2017, Supervisor
4. Mohd Zamir Bin Zamzam, Assessment of building defect on historic museum buildings in Malacca, Mac - July 2016, Supervisor
5. Nur Atirah Binti Zakaria, Assessment of building defect on historic museum buildings in Malacca, Mac - July 2016, Supervisor
6. Nurbaizura Binti Romli, Agents that contribute towards building defects in historic mosque, Mac - July 2016, Supervisor

7. Nurshahafiqah Binti Asli, Common defects on Industrialised Building System (IBS) housing buildings, September -January 2016, Supervisor
8. Muhammad Hanis Bin Mohd Nadi, Fire safety management in shopping mall (case study : Shah Alam), September -January 2016, Supervisor
9. Fatin Hanani Mohamad Adnin, Pattern of Building Defect on concrete houses at flooded area in Kelantan, Mac - July 2015, Supervisor
10. Fadhilah Mohd Parid, Technical Performance on Historic Government Buildings in Kuala Lumpur, Mac - July 2015, Supervisor
11. Khairunnisa Nabilah Khairuddin, Maintenance Management on Green Building. (Case Study : Shopping Mall), Mac - July 2015, Supervisor
12. Muhammad Haffiz Abdul Hamid, The Diagnosis of Dampness on Historical Government Building in Kuala Lumpur, Mac - July 2015, Supervisor
13. Norazmira Mohamad Rayes, Fire Safety Management on Historic Museum Building in Malacca, Mac - July 2015, Supervisor
14. Muhassanah Mohamed, Functional Performance on Government Buildings in Shah Alam, Selangor, Mac - July 2015, Supervisor
15. Nur Fatimah Mohamad Din, Indoor Air Quality (IAQ) on school buildings in Shah Alam, Selangor, September- January 2015, Supervisor
16. Muhammad Izzul Islam Ja'afar, Emergency Response Procedure (ERP) among university students, Mac - July 2014, Supervisor
17. Noor Hafizah Adnan, Assessment on common defects in commercial shopping complexes in Shah Alam, Mac - July 2014, Supervisor
18. Nurul Hazirah Azhari, Fire Protection System in hotel buildings, Mac - July 2014, Supervisor
19. Siti Zaharah Barook, A study on fire safety management on shopping complexes in Johor Bharu, Mac - July 2014, Supervisor
20. Suhana Iryani Noor Azmy, Termite infestation on timber buildings, Mac - July 2014, Supervisor
21. Noor Azila Idris, Dampness problem in government clinic buildings, Mac - July 2014, Supervisor
22. Nurul Fatimah Che Wil, Problem of fire safety management in museum buildings, Mac - July 2014, Supervisor
23. Wan Azlinda Wan Omar, Problem of crane collapse in construction industry, Mac - July 2014, Supervisor

## Publications

Hasnizan Aksah, Adi Irfan Che Ani, Ismar Minang Satotoy, Suhana Johar, 2020, Evaluating the Content Validity: Development of An Instrument for Measuring Functional Building Performance Evaluation, Journal of Advanced Manufacturing Technology (JAMT) ISSN: 1985-3157, Universiti Teknikal Malaysia Melaka (UTeM), Main Author.

Hasnizan Aksah, Adi Irfan Che Ani, Siti Hamidah Husain, 2019, The development of Conceptual Framework of Functional Building Performance Criteria in Historic Government Buildings, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7 Issue-6S2, Blue Eyes Intelligence Engineering and Sciences Publication, Main Author.

Hasnizan Aksah, Md Najib Ibrahim, Elma Dewiyana Ismail, Siti Hajar Rahim, 2016, Functional Performance from the Perspective of Building Management Team, Asian Journal of Quality of Life Vol 1(No 4), (p.23-30), e-IPH Ltd. UK, Main author. (Journal)

Hasnizan Aksah, Zarina Isnin, Siti Hajar Rahim, Lilis Shereena Sapiee, 2015, Advanced Science Letters Volume 22, Number 5-6 (ISSN 1936-6612), American Scientific Publishers, Main Author. (Journal)

Ahmad Ezanee Hashim, Hasnizan Aksah, Shahrul Yani Said, 2013, Performance review through Post Occupancy Audit on Refurbished Listed Public Building in Kuala Lumpur, Journal of Asian Behavioural Studies Vol 3(No 11), pp45-56, e-IPH Ltd. UK, Co-author. (Journal)

Hasnizan Aksah, Ahmad Ezanee Hashim, Nor Rima Muhamad Ariff, Rohimah Khoiriyah Mohd Ariffin Harahap, Hikmah Kamaruddin, 2012, Sustainable Historical Government Building Assessment Via Post Occupancy Evaluation (POE), International Surveying Research Journal Vol 3, Issues 1, pp45-54, Royal Institution of Surveyors Malaysia, Main Author. (Journal)

Hasnizan Aksah, Md Najib Ibrahim, Elma Dewiyana, Nur Hidayah Hajar, 2016, The Perceptions of Building Management Team on Functional Performance of Historical Government Buildings, in Proceeding of 7th Asian Conference on Environment-Behaviour Studies, Main Author.(Proceeding)

Hasnizan Aksah, Abdul Hadi Nawawi, Ahmad Ezanee Hashim, Elma Dewiyana, 2015, Assessing Score of Applicability and Importance on Functional Performance Criteria for Historical Building, in proceeding of Procedia – Social and Behavioral Sciences, Volume 222, pp 65-74 (ISSN: 1877-0428), Main Author. (Proceeding)

Ahmad Ezanee Hashim, Hasnizan Aksah, Mohamad Sufian Hasim, Siti Aida Samikon, 2015, Health Care Building Assessment through Post Occupancy Audit, in Proceeding of Asia Pacific International Conference on Environment-Behavior Studies 2015 Vol 1, No 1 (ISSN 2398-4287), Co-author. (Proceeding)

Elma Dewiyana Ismail, Md Najib Ibrahim, Hasnizan Aksah, ShahrulYani Said, 2015, The Green Aspects of Adaptive Reuse of Hotel Penaga, in proceeding of Procedia – Social and Behavioral Sciences, Volume 222 (ISSN: 1877-0428), Co-author. (Proceeding)

Shahrul Yani Said, Hasnizan Aksah, Elma Dewiyana Ismail, 2014, Heritage conservation and regeneration of historic areas in Malaysia, in Proceeding of Procedia – Social and Behavioral Sciences Volume 105, Pages 418-428. (ISSN No. 1877-0428), Co-author. (Proceeding)

Hasnizan Aksah, Ahmad Ezanee Hashim, Elma Dewiyana Ismail, Zarina Isnin, 2013, Criteria Overview for Functional Performance Evaluation Pertaining to Refurbished Historical Building, in proceeding of Colloquium of Administrative, Science and Technology (CoAST 2013) ISBN No: 978-981-4585-44-6, Main Author. (Proceeding)

Ahmad Ezanee Bin Hashim, Hasnizan Binti Aksah, Shahrul Yani Binti Said, 2012, Functional assessment through post occupancy review on refurbished historical public buildings in Kuala Lumpur, in proceeding of Procedia – Social and Behavioral Sciences Volume 68, Pages 330-340 (ISSN 1877-0428), Co-author. (Proceeding)

Rohaslinda Ramele @ Ramli, Izatul Laili Jabar, Hasnizan Aksah, 2012, Conservation Approaches on Historic Government Buildings in Malaysia, in proceeding of 1st International Conference on Innovation and Technology for Sustainable Built Environment, UiTM Perak, pp739-744, Co-author. (Proceeding)

## Research Grants and Contracts

1. Hasnizan Aksah, Abdul Hadi Nawawi, Ahmad Ezanee Hashim, Elma Dewiyana Ismail, 2013, Refurbished Historical Building Functional Evaluation Model, RAGS, RM 50,000.00, Project Leader.
2. Hasnizan Aksah, Abdul Hadi Nawawi, Shahrul Yani Said, Elma Dewiyana Ismail, 2012, Ecological Post Occupancy Evaluation of Historical Government Buildings in Malaysia, RIF, RM32,000.00, Project Leader.
3. Shahrul Yani Said, Elma Dewiyana Ismail, Hasnizan Aksah, 2012, Heritage-Led Regeneration of Historic Cities and Areas in Malaysia : A Baseline Data Collection, RIF, RM32,000.00, Member.
4. Elma Dewiyana Ismail, Hasnizan Aksah, Shahrul Yani Said, 2012, Climate Change in Historical Areas, RIF, RM32,000.00, Member.
5. Rohaslinda Ramli@ramele, Izatul Laili Jabar, Hasnizan Aksah, 2010, Conservation Approaches on Historic Government Buildings in Malaysia, FRGS, RM10,000.00, Member.

## Consultation & Expertise

1. Consultation: *Jabatan Perumahan Negara, Kementerian Kesejahteraan Bandar, Perumahan dan Kerajaan Tempatan, Kajian Kesejahteraan Program Perumahan Rakyat (PPR) di Seluruh Negara*, National, 2017, Member.
2. Consultation: UiTM Holdings Sdn. Bhd. Consultancy Service to Develop a comprehensive Business Plan for The Establishment of UiTM Asset Management Sdn. Bhd (UAMSB), 2012, Member.
3. Expertise. Faculty of Built Environment, Universiti Malaya, Invitation for review syllabus document, University, 2013, Review Panel.

## Innovation, Commercialization & Entrepreneurial

1. Innovation: International Invention, Innovation and Design (IIID Johor), A Conceptual Post Occupancy Functional Evaluation (POFE) Model for Refurbished Historic Building, International, 2017, Head of Project.
2. Innovation: Online Community Building Defect Library, Faculty, 2016, Member.
3. Entrepreneurial: Program Pasar Rabu Keusahawanan (BISA), Faculty, 2014-2015, Coordinator.

## Services & Administration

1. Secretary and Committee Member, 2012-2015, Faculty, AP229 syllabus review.
2. Committee member, January 2013-Disember 2017, Faculty, Preparation for Final Examination Question Paper.
3. Committee member, 16 December, 2016, Faculty, Accreditation for RICS FSPU.
4. Academic Advisor, 2012-2017, Faculty, Students' academic advisor.
5. Committee member, 2012-2013, Junior Organisation RISM, Planning activities for Junior Organisation RISM.

## **Work and Collaboration Experience**

1. 14<sup>th</sup> International Surveyors Congress, Hotel Istana, 11-12 July 2011, Royal Institutions of Surveyor Malaysia (RISM), Invited Speaker.
2. Junior Organisation (JO), 1 September 2012 – 30 September 2013, Royal Institutions of Surveyor Malaysia (RISM), Committee Member.
3. Invitation for review syllabus document, 2013, Faculty of Built Environment, Universiti Malaya , Review Panel.

## **Awards & Recognitions**

1. Best Paper Award, International Conference on Global Optimization and Its Application, Universiti Tun Hussein Onn Malaysia in collaboration with Indonesian Operations Research Association (IORA), 2019, Main Author and Presenter.
2. *Anugerah Perkhidmatan Cemerlang*, Universiti Teknologi Mara, University, 2016.
3. Bronze Medal, Innovation: International Invention, Innovation and Design (IIID Johor), A Conceptual Post occupancy Functional Evaluation (POFE) Model for Refurbished Historic Building, International, 2017, Head of Project.

## **Contribution to Society**

1. Association of Taman Desa Kencana, Klang, 2015-2020, Member.

## **Other Activities**

1. Sukan Antara Staf Shah Alam, Bronze Medal (Netball), University, 2018, Player.