

## FARRAH ZUHAIRA ISMAIL (Dr)

Senior Lecturer, (FSPU)

Centre of Studies for Construction  
Faculty of Architecture, Planning and Surveying  
Universiti Teknologi MARA,  
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Selangor, Malaysia.

Research Interest Group  
Research Nexus UiTM (ReNeU): Energy & Environment (EE)  
Research Nexus UiTM (ReNeU): Disaster Mitigation & Prevention

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## Areas of Expertise

Post-disaster Reconstruction, Disaster Management, Sustainable Construction,

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<https://prisma.uitm.edu.my/prisma/?doit=pubRec>  
<https://scholar.google.com/citations?user=mxM-8RgAAAAJ&hl=en>  
[https://www.researchgate.net/profile/Farrah\\_Ismail](https://www.researchgate.net/profile/Farrah_Ismail)

## Personal Information

Farrah Zuhaira Ismail  
Centre of Studies for Construction  
Research Interest Group ReNeU – Energy & Environment (EE)  
Research Interest Group ReNeU – Disaster Mitigation & Prevention

## Academic Qualifications

PhD in Post-Disaster Reconstruction, 2019, The University of Queensland, Australia  
Master in Building Science, 2008, National University of Singapore  
Bachelor in Construction Management (Hons.), 2006, Universiti Teknologi MARA (UiTM), Malaysia  
Diploma in Architecture, 2002, Universiti Teknologi MARA (UiTM), Malaysia

## Professional Members

## Teaching and Learning

1. Master, March 2019 till now, Integrated Simulation Project 1, Lecture
2. Degree, May 2008 till now, Building Services I, Lecture & Tutorial
3. Degree, May 2008 till now, Building Services II, Lecture & Tutorial
4. Degree, May 2008 till now, Project Evaluation and Development, Lecture & Tutorial

## Student Supervision

1. SUFYAN BIN ABU BAKAR (2019862308), Legal Aspect of Professional Interior Design Practice in Malaysia, Semester 2019/2020, Phd
2. YANG MEI (2020625604), A Comparative Analysis of The Integration of Futurism in The Interior Design of Contemporary Houses in Chongqing And Kuala Lumpur, Semester 2020/2021, Phd
3. KHADIJAH BINTI ALI (2020420454), Psycho-Behavior Inclination Model (P-Bim) Of Spatial Experience Association with Public Sector Conductive Ecosystem (Eksa) Dimension Towards in Naval Base, Semester 2020/2021, Phd
4. IR FARID B ZAWAWI (2019935213), Post Occupancy Evaluation Measures of Energy Efficiency in Kapal Diraja (KD) Sultan Idris 1 (TLDM LUMUT), Semester 2019/2020, Phd
5. MUHAMAD ARIF DANIAL BIN JAILANI (2019691826), Sustainable Waste Management: Recycling of Construction and Demolition Waste Among Contractors In Kuala Lumpur, Semester 2019/2020, MSc
6. NIK MOHAMAD ADIL BIN MOHD SENIN (2018685208), The Initiatives of Green Campus for Quality of Life at Public University, Semester 2019/2020, MSc
7. KHAIRUL NAZLI BIN RAZALI (2018668876), Green Initiatives Implementation: The Practice and Challenges, Semester 2019/2020, MSc

## Publications

### PUBLICATIONS FOR 2019

[1] Rostam Bin Yaman, Jamalunlaili Bin Abdullah, Hamimah Binti Adnan, Farrah Zuhaira Binti Ismail, Noraini Ahmad. (2019) "Post Occupancy Evaluation Measures of Green Interiors Tools Energy Efficiency (EE) Core Criteria." 4th International Conference on Research Methodology for Built Environment (ICRM BEE2019), Co-Author

### PUBLICATIONS FOR 2018

[1] Rostam Bin Yaman, Suwattana Thadaniti, Noraini Ahmad, Jamalunlaili Bin Abdullah, Farrah Zuhaira Binti Ismail. (2018) "Post Occupancy Evaluation Model: Adaptive Measure Towards Sustainable Neighborhood Development". Journal of The Malaysian Institute Of Planners,16,3,132-142, Co-Author

### PUBLICATIONS FOR 2017

[1] Ismail, F.Z., Halog, A., Smith, C. (2017) "How Sustainable is Disaster Resilience? An Overview of Sustainable Construction Approach in Post-Disaster Housing Reconstruction". International Journal of Disaster Resilience in the Built Environment, Vol 8, Issue 5, Main Author  
<http://www.emeraldinsight.com/doi/full/10.1108/IJDRBE-07-2016-0028>

## **PUBLICATIONS FOR 2016**

[1] Ismail, F.Z., Halog, A., Smith, C. (2016) "Integrating Sustainable Construction Approach in Post-Disaster Housing Reconstruction". Proceedings of the 1st International Conference on Liveable Built Environment (ICLBE), Bali, Indonesia, 2-4 Nov 2016. Main Author

## **PUBLICATIONS FOR 2015**

[1] Ismail, F.Z., Halog, A., Esa, M.R. (2015) "Greening a Society for a Resilient Development", Proceedings of the 4th International Conference on Environmental Research and Technology (ICERT 2015) on 27- 29 May 2015 at PARKROYAL Resort, Penang, Malaysia, ISBN 978-967-394-211-4, pp. 100-106. Main Author

[2] Ismail, F.Z., Halog, A., Esa, M.R. (2015) "Transitioning to Sustainable Construction: Towards a Disaster Resilient Built Environment in Malaysia", Proceedings of the 8th Making Cities Liveable Conference, Liveable Cities for the Future, on 6 – 7 July 2015 at Pullman Melbourne on the Park, Melbourne. Main Author

[3] Esa, M.R., Halog, A., Ismail, F.Z. (2015) "Waste Management in Construction Industry - A Review on the Issues and Challenges", Proceedings of the 4th International Conference on Environmental Research and Technology (ICERT 2015) on 27- 29 May 2015 at PARKROYAL Resort, Penang, Malaysia, ISBN 978-967-394-211-4, pp. 100-106. Co-Author

[4] Esa, M.R., Halog, A., Ismail, F.Z. (2015) "Circular Economy Potential: Waste Minimization Strategy in the Construction Industry", Proceedings of the 8th Making Cities Liveable Conference Melbourne (VIC), 6 - 7 July 2015. Co-Author

## **PUBLICATIONS FOR 2011**

[1] Ishak, N.M., Chew M., Ismail, F.Z., Yaman, R. Esa, M.R. (2011) "A Study of Heated Sand with Thermoluminescence: An Estimation of Thermal History in Building Material", Proceeding of CITC-VI Kuala Lumpur. Co-Author

## **PUBLICATIONS FOR 2008**

[1] Ismail, F.Z., Esa, M.R., Ishak, N.M., Chew, M., (2008) "Total Building Performance Analysis of a Polypipe Factory: A Study in Malaysia", Proceeding of 9th Senvar + 2nd ISESEE. Main Author

[2] Ishak, N.M., Ismail, F.Z., Esa, M.R., Chew, M., (2008) "Energy Conservation Strategies: Total Building Performance Concept from Occupants' Perspective", Proceeding of 9th Senvar + 2nd ISESEE. Co-Author

[3] Esa, M.R., Ismail, F.Z., Ishak, N.M., Chew, M., (2008) "Developing A Staining Index for Commercial Building (Aluminium Facades)". Built Environment Journal (BEJ). Co-Author

[4] Esa, M.R., Ismail, F.Z., Ishak, N.M., Chew, M., (2008) "Staining Index for Aluminium Colour-Based Façade", Proceeding of 9th Senvar + 2nd ISESEE. Co-Author

## Research Grants and Contracts

1. FRGS - 2019-2022, Psycho-Behavioral Inclination Model (P-BIM) of Spatial Experience Associated with Public Sector Conducive Ecosystem (EKSA) Dimension Towards Organizational Commitment in Naval Base. RM56,000.00. Co-Researcher
2. IRMI-LESTARI – 2018-2020, Social Pyscho-Behavioral User Experience Criteria in Green Building Index Interior Tools, RM20,000. Co-Researcher
3. Dana Pembudayaan Penyelidikan (RAGS) – 2012-2014, Cellulose Fiber Acoustic Behavioural Theories, RM80,000. Principle
4. Dana Kecemerlangan UiTM – 2012-2014, Development of Sustainable Absorption Panels from Agricultural Waste, RM32,000. Principle

## Consultation & Expertise

1. Khidmat Kepakaran Reka Bentuk Dalam Bilik "War Room" Universiti Teknologi Mara UiTM, University, 2020, Member
2. Bahagian Latihan dan Pendidikan MARA, Introduction to Structure, National, 2012, Member

## Innovation, Commercialization & Entrepreneurial

1. THE VIRTUAL NATIONAL E-CONTENT DEVELOPMENT (ECONDEV 2020), University, 2020, Member

## Services & Administration

2. MyRa Coordinator, 1 January 2020 to 31 December 2020, Coordinator for Centre of Studies for Construction.
3. PRISMA Coordinator, 1 January 2020 to 31 December 2020, Coordinator for Centre of Studies for Construction.
4. Committee Member of Unit Pengurusan Kualiti Fakulti, 1 June 2020 to 31 May 2022, for Faculty of Architecture, Planning and Surveying FSPU
5. Committee Member of Unit Pengurusan Kualiti Fakulti, 1 June 2020 to 31 May 2022, for Faculty of Architecture, Planning and Surveying FSPU
6. Coordinator – Operational Excellence (OE) KECEMERLANGAN OPERASI UNIT PENGURUSAN KUALITI FSP, 1 June 2020 to 31 May 2022, for Faculty of Architecture, Planning and Surveying FSPU
7. Industrial Training Coordinator, 1 August 2020 to 31 July 2022, Coordinator for Centre of Studies for Construction.
8. Internal Auditor, 7 September 2020 to 7 September 2022, Audit Dalam Unit Pengurusan Kualiti Fakulti.
9. Resource Person, 3 September 2019 to 2 September 2022, Sustainable and Large-Scale Construction, Handling the curriculum matters related to the course.

10. Resource Person, 1 June 2020 to 31 May 2022, MSc of Science Integrated Construction, Handling the curriculum matters related to the course

### **Work and Collaboration Experience**

1. Assistant Architect, 2002-2004, AMC Architects, Architectural work.

### **Awards & Recognitions**

Excellent Service, Faculty of Architecture, Planning and Surveying, University, 2012

### **Contribution to Society**

1. Construction Management Festival (ComFEST), Centre of Studies for Construction, Faculty of Architecture, Planning and Surveying, University, 2019, Member

### **Other Activities**