

JULITTA YUNUS (Ts, Dr)

Senior Lecturer, Head of Centre of Studies for Construction (FSPU)

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

TROB-P Research Interest Group
Research Nexus UiTM (ReNeU)

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Areas of Expertise

Environmental Performance of Building and Green Innovation

<https://expert.uitm.edu.my/profile.php?id=CyoiYWP4zh6F7eXZBr3AoFgZNjjgdQmvMkW/9y13a+U=>

<https://www.scopus.com/authid/detail.uri?authorId=42862691600>

https://www.researchgate.net/profile/Julitta_Yunus

<https://scholar.google.com/citations?hl=en&user=XeJD7jEAAAAJ>

Personal Information

Julitta Yunus (Ts, Dr)
Centre of Studies for Construction
Faculty of Architecture, Planning and Surveying

Academic Qualifications

PhD in Built Environment, 2017, Universiti Teknologi MARA (UiTM), Malaysia
MSc of Building Services Engineering & Management, 2004, Schools of Energy, Geoscience, Infrastructure and Society, Heriot-Watt University, Scotland, UK
BSc in Construction Management (Hons), 2001, Universiti Teknologi MARA (UiTM), Malaysia.
HND in Building Services Engineering, 1998, Warwickshire College, Leamington Spa, UK
Cert. in Town and Regional Planning, 1996, Politeknik Sultan Abdul Halim Mu'adzam Shah, Malaysia

Professional Members

PROFESSIONAL TECHNOLOGIST (Ts), Malaysia Board of Technologists (MBOT) Member, 2018-present

Teaching and Learning

1. Master Degree, MANAGEMENT OF PROPERTY AND ENVIRONMENT, Lecture
2. Bach. Degree, BCM503 - BUILDING SERVICES ENGINEERING I, Lecture, Tutorial – RESOURCE PERSON
3. Bach. Degree, BCM543 - BUILDING SERVICES ENGINEERING II, Lecture, Tutorial – RESOURCE PERSON
4. Bach. Degree, CMA533 - BUILDING ENVIRONMENT SYSTEMS, Lecture, Tutorial

Student Supervision

Student Name	Thesis Title	Level of Supervision
KHALID BIN YUSOF (2015320547)	Community Engagement Framework in Household Waste Segregation Towards 3R Program Involvement	Co-Supervisor
AZLAN ARIFF BIN ALI ARIFF (2019454208)	Green Roof as Permeable Public Realm in Malaysian Urban Fabric	Co-Supervisor
SITI AISHAH BINTI RAMLI (2020666562)	Developing Green Retrofit Guideline in Managing Residential Refurbishment Project via Passive Design Strategies	Main Supervisor
MOHD TAJUL IZRIN BIN MOHD TAJUL HASNAN (2020224432)	Modular of Microalgae Photobioreactor (PBR) facade in low rise residential building/ landed residential in tropical climate	Main Supervisor

Publications

1. Yunus, J., Ahmad, S. S., & Zain-Ahmed, A. (2020). *The Influence of Roof Fenestration on Daylight Distribution in an Atrium Space Under Tropical Sky Conditions. Renewable Energy and Sustainable Buildings*, 665-673
2. Abdul Aziz, Nurul Ayuni et al. Occupational Safety and Health (OSH) Concept Towards Project Performance. *Built Environment Journal*, [S.l.], v. 16, n. 2, p. 55-68, July 2019. ISSN 1675-5022
3. WHW Ibrahim, EMA Zawawi, J Yunus, N Hashim, KM Sukur, Environmental Impact On Residents' Well-Being In The Vicinity Of Quarrying (2019), *Journal of Building Performance*, 10(2), 93-102.
4. Yunus, J., Ahmad, S. S., & Zain-Ahmed, *Daylight Performances of Atrium Buildings for Different Roof Configuration Under Malaysia Sky Conditions (2019)* MATEC Web of Conferences 266, Paper presented at The International Conference on Built Environment and Engineering (IConBEE 2018), Malaysia
5. WHW Ibrahim, EMA Zawawi, J Yunus, N Hashim, KM Sukur, *Resident's Perception Towards Environmental Impact on Human Wellbeing Near the Quarry Mining Vicinity (2019)* MATEC Web of Conferences 266, Paper presented at The International Conference on Built Environment and Engineering (IConBEE 2018), Malaysia
6. K Yusof, F Ismail, J Yunus, N Kasmuni, R Ramele, M Omar, I Jabar, *Community Participation and Performance of Waste Segregation Program in Malacca: Towards Sustainable Waste Management*

- (2019) MATEC Web of Conferences 266, Paper presented at The International Conference on Built Environment and Engineering (IConBEE 2018), Malaysia
7. Nordin R. M, Halim, A. H. A., and Yunus, J. (2017). *Challenge of Green Home Development in Malaysia: Perpesctive of Developers*. Paper presented at The International Conference on Architecture and Civil Engineering (ICACE 2017), Malaysia
 8. Yunus, J., Ahmad, S. S., & Zain-Ahmed, A. (2015). Harnessing Daylight in Atrium: Parametric Influences on the Daylight Conditions at the Atrium Floor. *Advance Science Letters*, 22(5-6), 1160-1165.
 9. Yunus, J., Ahmad, S. S., & Zain-Ahmed, A. (2011). *Analysing the Impact of Roof Obstruction on Daylight Levels in Atrium Buildings: Physical Scale Model under Real Sky Conditions*. Paper presented at The 2nd International Conference in Environmental Science and Technoogy (ICEST2011), Singapore.
 10. Yunus, J., Ahmad, S. S., & Zain-Ahmed, A. (2010). *Analysis of Atrium's Architectural Aspects in Office Building under Tropical Sky Conditions*. Paper presented at the International Conference In Social and Science Research (CSSR2010), Kuala Lumpur.
 11. Yunus, J., Ahmad, S. S., & Zain-Ahmed, A. (2008). *A review on innovative use of atria for daylight performance in office building under tropical skies*. Paper presented at the SENVAR + ISESEE 2008 International Symposium & Exhibition In Sustainable Energy & Environment, Universiti Teknologi MARA, Malaysia.
 12. Yunus, J., Ahmad, S. S., & Zain-Ahmed, A. (2007). *Review on the Study of Daylighting in Atria: Finding the Gaps in Knowledge*. Paper presented at the PLEA2007-The 24th International Conference on Passive and Low Energy Arhitecture, Singapore.
 13. Yunus, J. (2004). *Atrium Roof Design Impacts of Modern Construction Technique Minimise Daylight Levels in Atrium Buildings*. MSc Dissertation. Heriot-Watt University, Edinburgh.

EDITORIAL PUBLICATIONS

Date	Title	Publisher	Level
9 May 2020	Malaysian Construction Research Journal (MCRJ), Special Issue Vol 8, No. 3, 2019 - International Conference on Built Environment and Engineering 2018 (IConBEE2018) – Scopus Elsevier	Construction Research Institute of Malaysia (CREAM)	National
20 Feb 2019	MATEC WEB OF CONFERENCE, Volume 266, 2019 - International Conference on Built Environment and Engineering 2018 - "Enhancing Construction Industry Through IR4.0" (IConBEE2018)	EDP Sciences	International

Research Grants and Contracts

	Research Project	Begin Year	End Year
1	Research Member, Motivation of Risk Taking Behaviour in The Accidental Dwelling Fire (ADF), Geran Penyelidikan BESTARI, 600-IRMI/DANA 5/3/BESTARI (P) (023/2018), Science & Technology (RM 25,000.00)	2018	2019
2	Research Member, Optimizing of Street Lighting Based on Glare and Surface Architectural Approach on Road Signage for Prominent Driving Performance, Geran Penyelidikan Multi-,Inter dan Transdisiplin (MITRA), 600-IRMI/MYRA 5/3/MITRA (007/2017)-3, (RM 25,000.00)	2017	2019
3	Research Member, Energy Efficient Refurbishment Projects Design Team Characteristics, LESTARI, 600-IRMI/DANA 5/3/LESTARI (0156/2016), (RM 20,000.00)	2016	2018
4	Research Member, Study of Daylighting and Building Performance of Atria Buildings in Malaysia, Science Fund Grant, Ministry of Science, Technology and Innovation, Malaysia (MOSTI) (ScienceFund), 04-01-01-SF0038 (RM 102,000.00)	2006	2009

Consultation & Expertise

2020 -2022	External Examiner	Politeknik Sultan Salahuddin Abdul Aziz Shah, Evaluation of Final Examination Items for Bachelor Program
2019 – 2020	Chairman	Ministry of Education Malaysia, Technical Evaluation Committee - Digital Textbooks Publication of Curriculum Standard for Vocational Secondary Schools
2019 -2020	Reviewer	International Journal of Technology, Universitas Indonesia - THE EFFECT OF BUILDING GLASS FACADE GEOMETRY ON THE INFILTRATION AND ENERGY CONSUMPTION
2019 - present	Examiner	INTI International College Subang, External Moderator for Diploma in Quantity Surveying

Innovation, Commercialization & Entrepreneurial

Product Name	Organizer	Prize	Level	Year
Green Retrofit: The Potential of Reducing The Knowledge Gaps of Building Professionals and Homebuyers	INTERNATIONAL INVENTION & INNOVATIVE COMPETITION (InIIC Series 2/2020)	Silver	International	2020
Possible Design Application of a Home-Grown Microalgae Photobioreactor (PBR) in Tropical Climate	3 rd International Innovation, Invention & Design Competition 2020 (ICON2020)	Silver	International	2020

Services & Administration

2018 - present	Head Centre of Studies for Construction Faculty of Architecture, Planning and Surveyor, UiTM
2020 - present	Member Center for Islamic Philanthropy and Social Finance (CIPSF), UiTM Melaka
2017 - 2020	Associate Member Institute of Business Excellence (IBE), UiTM
2017	Senior Lecturer Centre of Studies for Construction Faculty of Architecture, Planning and Surveying, UiTM Shah Alam
2004	Lecturer Department of Building Faculty of Architecture, Planning and Surveying, UiTM Shah Alam

Work and Collaboration Experience

1. Technical Committee, Ministry of Education Malaysia – Digital Textbook Publication of Curriculum Standard for Vocational Secondary Schools (Pembinaan Domestik)
2. Expert Trainer: Majlis Amanah Rakyat (MARA), since 2018 - **Forensic Building, 3 - 5 Days Courses.**
3. Expert Trainer: Construction Industry Development Board (CIDB) / Contractor and Entrepreneur Development Division, since 2017 - **Contractor's Competency Development Training: Building Works: Building Maintenance and Complex Environment, 5 Days Courses**
4. Expert Trainer: Construction Industry Development Board (CIDB) / Contractor and Entrepreneur Development Division, since 2016 - **Contractor's Competency Development Training-Building Works: Renovation, 2 - 5 Days Courses.**

5. Invited Lecturer – Universiti Malaya, 2018 – Subject: Building Services
6. Invited Lecturer - Imperia Institute of Technology (Formerly known as Imperia College), Kelana Jaya, 2008 – Subject: Building Services.

Awards & Recognitions

Academic Excellence Award, Faculty of Architecture Planning and Surveying, 2017

Contribution to Society

1. Student Development - Extended Full time/Part Time Student Transformation (EFT) Program, Centre of Studies for Construction, FSPU, 2020 , Advisor
2. Construction Management Career Day – Enhancing Future Builders Enthusiasm, Centre of Studies for Construction, UiTM 2019, Advisor

Other Activities

29 – 30 Oct 2018	Chairman	Successfully organized International Conference in Built Environment and Engineering (IconBEE 2018), Hotel Jen Puteri Harbour, Nusajaya, Malaysia
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