ISSUE 01 SEPTEMBER | 2026

FBE BULLETIN

FACULTY OF BUILT ENVIRONENT

BUILDING KNOWLEDGE . SHAPING COMMUNITIES . ADVANCING SUSTAINABLE FUTURES

GET TO KNOW OUR EXPERTS!

Pioneering human-centric and agile built environment through innovative researchthat transforms spaces to for biometereology, nurture well-being, advance learning equity and circularity



Human Centred | Sustainability & Circularity | Learning Equity | Innovation & Impact

UNIVERSITI MALAYA

FAKULTI ALAM BINA
Faculty of Built Environment

UNIVERSITI MALAYA

FACULTY OF BUILT ENVIRONMENT

Our Research Bulletin

Issue 01 | 2026

Building Knowledge · Shaping Communities · Advancing Sustainable Futures

Pioneering human-centred and agile built environments through innovative research that transforms spaces to nurture well-being, advance learning equity and circularity

Knowing Our Expertise

Together we design, built and reshape the future of built environment

This bulletin is designed to record and share the Faculty of Built Environment (FBE) research activities, achievements, collaborations, publications, and upcoming programmes.

Together, we build a strong team to uplift our skill and knowledge to address pressing issues faced by the communities and nation.

Inside This Issue

- Message from the Dean
- Note from the Deputy Dean, Research & Innovation
- Overview of Research Centres
- Notable Research Grants and Projects
- Recent Publications
- Faculty Flagship Journals
- Industry and Community Engagement
- Postgraduate Research Spotlight

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Setinggi - tinggi

Tahniah

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atas pengiktirafan

Mercu Alam Bina sebagai bangunan pertama di Universiti Malaya yang dianugerahkan pensijilan bangunan hijau

oleh

Green Building Index (GBI)

Ikhlas daripada:
Ahli Lembaga Pengarah,
Pengurusan Tertinggi & Warga Universiti Malaya.

Foreword from the Dean

As we step into an era defined by rapid urbanization, climate complexity, and technological transformation, the spaces we inhabit have never mattered more. The built environment is not merely a collection of physical structures and spatial master plans; it is the foundational framework of human life, community resilience, and economic vitality. It gives me immense pride to present this edition of our Faculty Research Bulletin, a vibrant showcase of our intellect, foresight and pioneering spirit driving our academic community forward.

Our faculty stands at a unique and powerful intersection. Across Architecture, Urban Planning, Quantity Surveying, Real Estate and Building Surveying, our researchers are tackling the most pressing spatial, economic and structural challenges of our time. Together, this rich interdisciplinary ecosystem enables us to analyze the built environment holistically, turning complex global challenges into actionable and sustainable solutions.

Our ambition is clear and unyielding: to serve as the prominent faculty in the nation for research in the built environment. We do not seek merely to keep pace with change, but to actively define it. The research featured within these pages reflects our unwavering commitment to expanding academic boundaries, informing public policy, and advancing industrial practice. From smart cities and carbon-neutral design to resilient real estate markets and adaptive structural engineering, our scholars are setting national benchmarks and elevating the discourse on how human spaces should be designed, valued, and maintained.

To our dedicated researchers and collaborative industry partners: your relentless pursuit of excellence makes this vision a reality. To our readers: I invite you to explore these pages with curiosity and inspiration, discovering how our collective inquiry is forging a brighter, more resilient world. Together, we are not just analyzing the spaces around us, we are constructing the future.



Datuk Assoc. Professor Ts. Dr. Zulkiflee Abdul Samad

Dean, Faculty of Built Environment

Note from the Editor

Strengthening Research Culture and Impact

Research is at the heart of the Faculty of Built Environment's mission to generate knowledge, support innovation, and contribute meaningful solutions to society. As the Faculty continues to grow, our research activities play an important role in addressing current and future challenges related to built environment.

Over the past year, the Faculty has continued to encourage research engagement through grant applications, research seminars, postgraduate supervision, publication initiatives, industry collaboration, and community-based studies. These activities demonstrate the dedication of our researchers in producing work that is relevant, impactful, and aligned with national and global needs.

Moving forward, we aim to strengthen interdisciplinary research, increase high-quality publications, expand external research funding, and build stronger partnerships with industry, government agencies, professional bodies, and local communities. We also hope to provide greater support for early-career researchers and postgraduate students to develop their research skills and contribute actively to the Faculty's research agenda.

I would like to congratulate all researchers, academic staff, and students who have contributed to the research activities highlighted in this issue. Your commitment and achievements continue to enhance the visibility and reputation of the Faculty.

Let us continue working together to advance research excellence and create meaningful impacts in the built environment.



Assoc. Professor Sr Dr. Noor Suzaini Mohamed Zaid
Deputy Dean
Research and Innovation
Faculty of Built Environment

Overview of Research Centres

Driving the Faculty of Built Environment's vision for adaptive and climate-responsive habitats, our dedicated research centers serve as primary hubs for interdisciplinary innovation, policy development and industry collaboration across tropical regions.

Centre for Building, Construction & Tropical Architecture (BuCTA)



Centre for Sustainable Urban Planning & Real Estate (SUPRE)



Faculty Research Performance

New Grant Secured

Securing competitive research funding is a vital catalyst for scholarly innovation, enabling our faculty to pioneer solutions for the built environment across national and global landscapes. The grants highlighted in this section reflect the academic rigor, societal relevance and industry trust placed in our researchers across architecture, building surveying, quantity surveying, real estate and urban planning. We extend our warmest congratulations to all principal investigators and research teams on securing research funding.



Contact Our Expert [UM EXPERT]
ainoriza@um.edu.my

Principal Investigator	Associate Professor Sr Dr. Ainoriza Mohd Aini
Grant Scheme	Geran Universiti Malaya Living Labs Towards Just Net Zero 2026 (Universiti Malaya Sustainable Development Centre - UMSDC)
Project Title	"Mercu Moves": Developing a WELL Readiness Framework Through a Healthy Building Living Lab at Universiti Malaya



Contact Our Expert [UM EXPERT]
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Principal Investigator	Professor Sr Ts Dr. Azlan Shah Ali
Grant Scheme	Geran Penyelidikan Eksploratori dan Transformatif (GET) Fasa 1, 2026
Project Title	Developing A Building Obsolescence Framework for Sustainable Adaptation



Contact Our Expert
[UM EXPERT]
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Principal Investigator	Sr Dr. Nik Elyna Myeda Nik Mat
Grant Scheme	Geran Penyelidikan Eksploratori dan Transformatif (GET) Fasa 1, 2026
Project Title	Transforming Disaster Relief Management in Malaysia through the Transformative and Resilient Unified Shelter (TRUST) Framework



Contact Our Expert
[UM EXPERT]
zahiruddin@um.edu.my

Principal Investigator	Sr Dr Zahiruddin Fitri Abu Hassan
Grant Scheme	Geran Penyelidikan Eksploratori dan Transformatif (GET) Fasa 1, 2026
Project Title	Development of Mineral-Carbonated Basalt Cementitious Composites for CO2 Sequestration and Future Structural Hybrid Supercapacitor Applications



Contact Our Expert
[UM EXPERT]
syahrulnizam@um.edu.my

Principal Investigator	Professor Sr Dr. Syahrul Nizam Kamaruzzaman
Grant Scheme	Geran UMCares 2026 – Pusat Jalinan Komuniti
Project Title	Developing A Building Obsolescence Framework for Sustainable Adaptation



Contact Our Expert
[UM EXPERT]
nikhazwani@um.edu.my

Principal Investigator	Dr Nik Hazwani Hashim @ Nik Hashim
Grant Scheme	Geran UMCares 2026 – Pusat Jalinan Komuniti
Project Title	Pelancongan Warisan Budaya Berasaskan Komuniti Di Tumpat, Kelantan : Memperkasa Identiti Tempatan Melalui Pemetaan Budaya Dan Penglibatan Komuniti



Highlights on Recent Publication

Traditional opera isn't just taught—it is built!
Discover how architecture actively saves Cantonese opera from fading away.



Loh, C. H. M., & Hakimi, H. A. (2026). Spatial inheritance and the crisis of transmission: Architectural typologies of Cantonese opera associations in Kuala Lumpur. *Journal of Chinese Architecture and Urbanism*, 026240039. [LINK to Article]

Contact our ARCHITECTURE expert
Dr. Hazwan Ariff bin Hakimi (hazwanariff@um.edu.my) [UM EXPERT]

Rethinking Senior Safety:
Clearer wayfinding, redundant alarms, and structured support strengthen fire evacuation preparedness in independent living facilities.



Anuar, M. F., Tharima, A. F., & Akashah, F. W. (2026). Fire Evacuation Preparedness Among Older Residents in An Independent Living Facility. *PLANNING MALAYSIA*, 24(43). [Link to Article]

Contact our FIRE expert
Associate Professor Sr Ts Dr. Farid Wajdi Akashah (faridakashah@um.edu.my) [UM EXPERT]

Gated living isn't just about privacy—it is about financial survival!
Discover how resident-driven strategies save non-stratified communities from spiraling maintenance costs.



Azmi, N. F., Ng , H. C., Lin Chua, S. J., Au-Yong, C. P., & Khoo, C. K. (2026). Mitigating Maintenance Cost Overruns in Non-Stratified Gated and Guarded Community (Gacos) Development. *PLANNING MALAYSIA*, 24(43). [Link to Article]

Contact our GATEKEEPER expert
Sr Dr. Nur Farhana Azmi (farhanazmi@um.edu.my) [UM EXPERT]

Green housing isn't just about installing tech—it is about human cognition!
Discover how measuring resident perceptions transforms energy retrofits.



Pang, Z., Hashim Lim, N. H., & Tedong, P. A. (2026). Measuring residents' cognition of residential energy retrofits: scale development and validation. *Journal of Housing and the Built Environment*, 1-27. [Link to Article]

Contact our RETROMIND expert
Dr. Noor Hashimah Hashim Lim (shimalim@um.edu.my) [UM EXPERT]

Our Flagship Journals

At the heart of our faculty's mission is a commitment to advancing research that challenges boundaries and addresses global issues. To highlight the extraordinary scope of scholarly work, this section spotlights our four flagship journals that serve as the primary outlets through which our community shapes critical academic discourse. Each publication represents a distinct pillar of research excellence, bridging rigorous peer review with visionary ideas. Explore their focus areas below to catch up on recent contributions.



JDBE Journal of Design and Built Environment
UNIVERSITY OF MALAYA
Print ISSN: 1823-4208 ; E-ISSN: 2232-1500
Publisher: Faculty of Built Environment, University Malaya

E-ISSN : 2232-1500
Frequency : Triannual (April, August, December)
Language : English
Inquiries : jdbe@um.edu.my
Indexing :

[Website Link]

Journal of Design and Built Environment (JDBE) is a SCOPUS-indexed and open-access publication by the Faculty of Built Environment, University of Malaya. JDBE publishes original papers resulting from research in architecture, building engineering, quantity surveys, real estate management and all disciplines related to the built environment.

Journal of Design and Built Environment covers the following topics:

- Landscape architecture
- Urban and community planning
- Building design, performance and operation
- Building maintenance and repair
- Innovative building materials
- Sustainable buildings, design, construction and materials
- Construction management and technology
- Facilities management Building Information Modelling (BIM)
- Energy efficiency, energy harvesting
- Indoor environmental quality
- Human interaction with the built environment
- Life cycle assessment
- Structural analysis and design
- System safety and reliability

Volume 26 No 2 2026

Islamic Perspectives on Biophilic Landscape Design in the Built Environment: A Bibliometric Analysis
Mazlina Mansor, Putri Haryati Ibrahim, Haza Hanurhaza Md Jani, Abdullah Hasif Patria

Microclimate Environmental Impact in Campus: Case Study at Faculty of Built Environment and Faculty of Art and Design, UiTM Puncak Alam, Selangor
Nur Aisyah Azmi, Alamah Misni, Mohamed Brahimi

The City Through Unseeing Eyes: A Five-Dimensional Framework for Inclusive Urban Architecture for the Visually Impaired
Hendrik Suryo Suriandjo, Edwin Aldrin Sekeon, Danny Ivan Rantung, Ronny Hansje Walean, John Andrew Osborne Narande

Evaluation of Visual Performance and Perception in Office Workspaces with Varying Lighting Designs in Indonesia
Nurul Jamala, Rosady Mulyadi, Asniawaty Kusno, Yusaumi Ramadhanti

Climate-Based Evaluation of Solar Radiation and Façade Shading Requirements in Ankara (1985–2060)
Pelin Akın

Understanding the Integration of Performance Competencies and Professional Needs in Architectural Practice: A Study of Architects in Medan, Indonesia
Theo Fidelis Tarigan, Amy Marisa

Reframing Strategic Thinking in Urban Design through Urban Complex+: A Framework for Education and Practice
Han Yeol Baek

Analyzing Children's Mental Maps through Lynch's Imageability and Matthews' Typology: A Mixed-Methods Study of Urban Neighborhoods in Algeria
Amal Sadeki, lahcene Feloussia

Sacred Spatiality in Ta'alluq Martabat Architecture: The Great Mosque of the Buton Sultanate
Muhammad Zakaria Umar; Sitti Rosyidah; Ainussalbi Al Ikhsan, I Made Krisna Adhi Dahrma; Weko Indira Romanti Aulia; Abdul Fattaah Mustafa

Traditional and Modern Birdhouses as Architectural Components: A Typological and Ethical Evaluation
Neşe Başak Yurttaş

A Child-Informed Affordance Framework for Malaysia's Social Housing Neighbourhoods: Insights from Marginalised Children
Lee Ning, Mastura Adam, Noor Hashimah Hashim Lim, Lisa Dwi Wulandari, Kemas Ridwan Kurniawan

Examining Immersive Virtual Reality as a Design Communication Tool for Media Architecture Design Evaluation
Jeremy Lovendianto, FX Teddy Badai Samodra, Sri Nastiti Nugrahani Ekasiwi, Audrey Tara Dianagri, Jestin Nordin

A Theoretical Perspective on the Defensive Architecture of Melanau Tall Houses
Atta Idrawani Zaini, Maclaude Lister, Abdul Walid Ali, Iziq Eafifi Ismail, Tarmiji Masron



E-ISSN: 1985-7527
Frequency: Twice a year
(June & December)
Language: English
Inquiries: editor_jscp@um.edu.my
Indexing: MyCite, Era 2012, EBSCO, UDLedge Science Citation Index (SciCI)

Journal of Surveying, Construction and Property (JSCP)
[Website Link]

Journal of Surveying, Construction & Property (JSCP) is a free open access publication that adopts an interdisciplinary, multifunctional approach, and welcomes contributions based on original empirical research and the observations of experienced practitioners. The JSCP is devoted to the publication of original research in the areas of Surveying, Property, Real Estate and Valuation, Building, Construction and Urban Studies.

JSCP provides immediate open access to all its content, based on the principle that making research freely available to the public fosters a greater global exchange of knowledge.

Volume 17 No 1 2026

RELATIVE IMPORTANCE INDEX (RII) FOR PHYSICAL WORKING ENVIRONMENT AT FINANCIAL INSTITUTION BUILDINGS
Norezman Mamat, Hasnizan Aksah; Wan Zuriea Wan Ismail, Izatul Laili Jabar, Zuraihana Ahmad Zawawi

EFFECTS OF STRUCTURAL OPENINGS ON ACOUSTIC PERFORMANCE IN CONTEMPORARY MALAYSIAN PROTESTANT CHURCHES ACROSS VARYING ENVIRONMENTAL CONTEXTS
Goh Jia En, Nazli bin Che Din

ADVANCING SUSTAINABILITY IN PROPERTY MANAGEMENT THROUGH CIRCULAR ECONOMY PRACTICES: A SYSTEMATIC LITERATURE REVIEW
Noramirah Nabilah Sulaiman, Fitriyah Razali, Raja Nurul Sakinah Raja Syamsuddin, Abdul Jalil Mahama, Hariati Abdullah Hashim, Siti Zaleha Daud

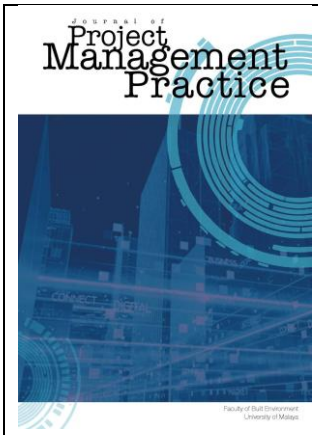
SUSTAINABLE REHABILITATION STRATEGIES FOR ABANDONED HOUSING PROJECTS IN SELANGOR
Khalida Mohd Sukur, Muhamad Zaihafiz Zainal Abidin, Nur Zulaika Mohd Razip

WALKABILITY IN ASIAN CITIES: A SYSTEMATIC LITERATURE REVIEW OF HIGH-DENSITY URBAN ENVIRONMENTS
Mohammad Saddam Hossain, A.R.M Ariffin

HOUSE RENOVATION CONTROL IN KLANG VALLEY: A BASELINE DOCUMENTATION OF LOCAL AUTHORITY PRACTICES AND ENFORCEMENT MECHANISMS
Putri Nabila Kamarulzaman, Nur Farhana Azmi, Raha Sulaiman

INNOVATIVE APPROACHES TO MITIGATE CLIMATE IMPACT IN BUILT ENVIRONMENTS: LABORATORY INVESTIGATIONS OF SALT CRYSTALLISATION IN CULTURE AND HERITAGE CONSERVATION
Mohd Jaki Mamat, Siti Norbaya Mohd Konar, Shaari Mat Saod

FROM SMART CITY RHETORIC TO MEASUREMENT: VALIDATING CITIZEN-CENTRIC URBAN INNOVATION (CCUI) INDICATORS IN CHINA
Jun Lyu, Hasniyati Hamzah, Peter Aning Tedong



E-ISSN: 2805-4768
Frequency: Twice a year
(June & December)
Language: English
Inquiries: jpmp@um.edu.my
Indexing: MyJurnal

Journal of Project Management Practice (JPMP)
[Website Link]

JPMP is a double blind peer-reviewed journal aims to advance the theory, research, and practice of all aspects of project management. JPMP publishes peer-reviewed scholarly articles, employing qualitative, quantitative, and other research methodologies, as well as theoretical and exploratory papers. To bridge theory and practice, it also features original and innovative case studies that are reviewed for their relevance to readers. By adopting a broader organisational perspective and covering a wide range of industries and professions, JPMP appeals to a diverse readership. This includes not only those interested in mainstream project management topics but also professionals engaged in multidisciplinary projects across sectors such as construction, engineering, oil and gas, business and finance, information technology, healthcare, aviation, maritime, and defense.

Volume 6 No 1 2026

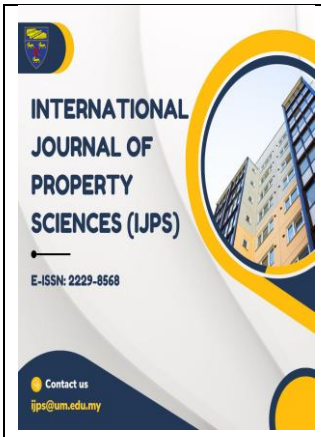
Value Engineering Awareness Variation Among Construction Project Professionals and the Attributed Value Workshop Objectives
Olufemi Joseph Bioku, Joseph Obaje Ataguba

Building Information Modelling for Heritage Project Management: A Systematic Literature Review
Muhammad Hadi Mustafa, Choy Poh Keong, Nuratiqah Aisyah Awang

Who Owns Construction Data?: Examining Governance and Accountability in Digital Construction Projects
Muhamad Syafiq Kamalruzaman, Zafira Nadia Maaz, Norhazren Izatie Mohd, Shamsulhadi Bandi, Amalina Azmi

Construction Progress Delays in High-Rise Residential Developments: Evidence from a Malaysian Development Project
Suria Natasha Zulhilmi, Wan Jihana Amirah Wan Nor Azman, Shuang Fan, Chou Chee Jun, Teh Yi Hern, Anuar Alias, Elia Syarafina Abdul Shakur

A Survey-Based Assessment of Construction and Demolition Waste Management Practices in Malaysia
Low Yee Peng, Mohd Suhaimi Mohd-Danuri, Mazura Mahdzir, Mohammed Ali Berawi



E-ISSN: 2229-8568
Frequency: Yearly (August)
Language: English & Bahasa Malaysia
Inquiries: ijps@um.edu.my
Indexing: MyJurnal, Google Scholar, UDLedge Beta

International Journal of Property Sciences (IJPS) [Website Link]

The International Journal of Property Sciences (IJPS) is a peer-reviewed, multidisciplinary platform dedicated to advancing theoretical and applied research in the global real estate and property sectors. The journal's primary aim is to bridge the gap between academic rigor and professional practice, providing a platform for scholars, policymakers, and industry experts to dissect the complexities of the built environment.

The scope of the journal is broad yet focused, encompassing a wide array of themes essential to modern property sciences, but not limited to:

- Property Valuation and Investment
- Urban Land Economics
- Real Estate Finance
- Sustainable Development
- Property Law and Policy
- Facility and Asset Management
- Property Management and Technology

Volume 16 No 1 2026

COMPARATIVE ANALYSIS OF MALAYSIAN HOUSE PRICE TRENDS: A STUDY ON PRIMARY AND SECONDARY MARKETS IN KUALA LUMPUR AND SELANGOR
Muhammad Hariz Azlan, Ainur Zaireen Zainudin, Fatin Afiqah Md Azmi, Nur Berahim, Salfarina Samsudin, Azizah Ismail, Rohaya Abdul Jalil, Yong Adilah Shamsul Harumain

A CASE STUDY ON GREYWATER RECYCLING PROCESS IN HIGH-RISE DEVELOPMENTS: OPERATIONAL INSIGHTS FROM CLEARPOINT RESIDENCIES, SRI LANKA
Amanda Indumini, Hashini T. Wickremasinghe, Saman Mahawatta

KEY PERFORMANCE INDICATORS OF CAFETERIA SERVICES AND CUSTOMER SATISFACTION AT MALAYSIAN PUBLIC UNIVERSITIES
Mohd Hafizal Ishak, Nur Aina Najwa Alias, Azlina Md Yassin, Nurul Afiqah Ahmad, Puvaneswary Thanaraju

PUBLIC PARTICIPATION IN MALAYSIAN LAND DEVELOPMENT REMAINS LARGELY SYMBOLIC: AN INSTITUTIONAL ANALYSIS
Sivarnia Mogan, Ainur Zaireen binti Zainudin, Rohaya Abdul Jalil

AN EVALUATION OF PRIVATE HOUSING ESTATE ADEQUACY IN ALIMOSHO LOCAL GOVERNMENT AREA OF LAGOS STATE, NIGERIA
Abiola Benjamin Obayomi, Toyin Funmilayo Ogunleye

Know Our Experts & Strength

Celebrating Our Achievement





Sr Dr Chin Hon Choong, Sr Dr Amalina Azmi and Dr Zafira Nadia Maaz won the Best Paper Award (Second Place) during the 13th International Real Estate Research Symposium. Amirul Aiman Amirul Iskandar (Master of Built Environment student, under supervision of Dr. Zairul Nisham Musa and Dr. Ain Farhana Jamaludin) won the Best Poster Award (Third Place) during the 13th International Real Estate Research Symposium.





Associate Professor Sr Dr. Saipol Bari Abd Karim and Sr Dr. Loo Siaw Chuing being conferred Academic Excellence Award by Pacific Association of Quantity Surveyors
Associate Professor Sr Dr. Umi Kalsum Zolkafli appointed as the Chair of the Research Committee, Pacific Association of Quantity Surveyors

Leveraging on Our Expertise

Meeting Our Expert from the Department of Building Surveying

Associate Professor Dr Au Yong Cheong Peng [UM Expert]



ACADEMIC AWARDS:

- Excellence Service Award (2019)
- Excellence Service Certificate (2023, 2025) by Universiti Malaya

RESEARCH FUNDING:

- Total Grant Amount: Approximately **RM 1 Million**

SELECTED RECENT PUBLICATIONS

- Chua, S. J. L., Ali, A. S., Chen, X., & Au-Yong, C. P. (2026). Enhancing BIMFM integration in O&M stage of public commercial buildings: insights from Sichuan, China. *Facilities*, 1-25.
- Zainol, R., Su, T. T., Majid, H. A., Yong, C. P. A., Aghaabbasi, M., Thangiah, N., ... & Usman, F. (2026). Prediction of walking occurrence and frequency among the residents of city community housing projects using machine learning techniques. *Journal of Transport & Health*, *49*, 102340.
- Zhang, X., Au-Yong, C. P., & Awang, N. A. (2026). Knowledge mapping of healthcare facility maintenance management from 2015 to 2025: a systematic literature review. *Engineering, Construction and Architectural Management*, 1-23.
- Zhang, X., Zhang, Y., Peng, Y., Au-Yong, C. P., & Awang, N. A. (2026). Transforming healthcare facility management with digital technologies: A systematic review and future roadmap. *Advanced Engineering Informatics*, *71*, 104404.
- Zhang, Y., Au-Yong, C. P., Gu, Y., Chow, M. F., Woon, K. S., Zahidi, I., & Wu, Y. (2026). Improving the performance of green office buildings in mainland China through facility management under the" dual carbon" goals. *Journal of Cleaner Production*, *538*, 147381.

Au Yong Cheong Peng is an Associate Professor in Department of Building Surveying, Faculty of Built Environment, Universiti Malaya. He holds a PhD degree in Facilities Management from the Faculty of Built Environment, Universiti Malaya. His research interest is in facilities management and building maintenance. He has accumulated the research grant amount to approximately RM1 million and published several articles in reputable journals.

Contact him for potential collaboration
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Postgraduate Research Spotlight



The Faculty of Built Environment, Universiti Malaya, extends our heartfelt congratulations to Michelle Vun Yi Ling (Master of Architecture) on her outstanding achievement in winning the Best Sustainable Design Award in the Architecture Category at the AYDA International Finale Awards 2025/2026, held in Bangkok, Thailand.

Michelle's award-winning project, “Reimagining Floating Future: Tanjung Aru Tourism Experiential Hub,” was recognised for its innovative approach to sustainable design, community engagement, and the preservation of local identity and heritage. The project demonstrates a thoughtful integration of environmental responsibility, cultural sensitivity, and architectural excellence.

This prestigious international recognition reflects Michelle’s exceptional talent, creativity, and dedication to advancing sustainable design practices. Her success also highlights the Faculty’s commitment to nurturing future professionals who can address global challenges through innovative and impactful design solutions.

Meet the Editorial Team



Advisor

YBhg. Datuk Assoc. Professor Ts. Dr. Zulkiflee Abdul Samad



Editor

Assoc. Professor Sr Dr. Noor Suzaini Mohamed Zaid



Assistant Editors

Sr Dr. Chin Hon Choong



Assistant Editors

Dr. Najah Md Alwi

Published by: Faculty of Built Environment, Universiti Malaya

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Closing Note

As we conclude this edition of the bulletin, we are reminded that academic research is more than a record of completed research. In fact, it is an active dialogue, a catalyst for transformative change, and a reflection of our collective intellectual spirit. The Faculty of Built Environment remains steadfast in its commitment to advancing research excellence, innovation, and community impact. Through continuous inquiry, cross-disciplinary collaboration and robust knowledge sharing, our overarching mission is clear: to contribute meaningfully to the development of sustainable, inclusive and resilient built environments locally and across the globe.

Today's built environment faces unprecedented challenges: climate vulnerabilities, rapid urbanization, digital transformation and shifting socio-economic demands. Navigating these complexities requires solutions that transcend traditional academic boundaries and integrate directly with real-world industry practice. Strong industry collaboration ensures that our research remains grounded, relevant and capable of addressing market needs. By fostering a platform where architects, engineers, quantity surveyors, project managers, planners, real estate experts and industry leaders intersect, our bulletin cultivate the holistic perspectives needed to design human-centric and adaptable spaces that anticipate future challenges and ensure our built infrastructure remains equitable, safe and sustainable.

Achieving this vision is a shared effort that depends heavily on the support of our broader professional community. Our scholarly output relies on the dedication of researchers and industry collaborators. To our researchers: your visionary research provides the foundation for our collective impact. To our industry partners: your active engagement, practical insights and ongoing support bridge the gap between theory and execution, ensuring these discoveries move off the page and into real-world implementation. Our bulletin remains dedicated to democratizing knowledge and fostering accessible, actionable research for scholars and practitioners alike.

Looking ahead, we will continue to nurture innovation, elevate diverse voices and champion scholarship that serves the public good through strong industry alignment. We invite researchers and industry professionals alike to stay connected, share these findings within your professional networks, explore collaborative opportunities and consider submitting your pioneering work to our upcoming issues. Together, through continuous collaboration and shared vision, let us push the boundaries of research and build a resilient foundation for generations to come.