



(Company No. 101067-P)

الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُونَيْتِيسِيَّتِي اِسْلَامِيَّةٌ اِنْتَبَاهُ اِبْحْسَابًا مِلِّيَّةً

Garden of Knowledge and Virtue

JOURNAL OF ARCHITECTURE, PLANNING AND CONSTRUCTION MANAGEMENT

VOLUME 16

ISSUE 1

2026

JAPCM

**JOURNAL OF ARCHITECTURE,
PLANNING AND
CONSTRUCTION MANAGEMENT**

Editor-in-Chief

Prof. *Ar.* Dr. Abdul Razak Sopian
Kulliyyah of Architecture and Environmental Design

VOLUME 16 ISSUE 1 (2026)

JOURNAL OF ARCHITECTURE, PLANNING AND CONSTRUCTION MANAGEMENT (JAPCM) TEAM 2024 – 2025

EDITOR-IN-CHIEF

Prof. Ar. Dr. Abdul Razak Sopian – Architecture

EXECUTIVE EDITOR

Prof. *TPr.* Dr. Mariana Mohamed Osman - Urban Regional & Planning

CONTENT EDITORS

Asst. Prof. Dr. Nayeem Asif - Architecture

Asst. Prof. Dr. Raja Intan Suhaylah Raja Abdul Rahman - Applied Arts and Design

LANGUAGE EDITORS

Assoc. Prof. Dr. Sharifah Mazlina Syed Khuzzan Alhabshi - Quantity Surveying

Assoc. Prof. *LAr.* Dr. Khalilah Zakariya - Landscape Architecture

Asst. Prof. Dr. Mohd Noorizhar Bin Ismail - Architecture

LAYOUT EDITOR

Asst. Prof. Dr. Mohammad Saiful Nizam Mohd Suhaimi - Quantity Surveying

SECTION EDITORS

Assoc. Prof. *LAr.* Dr. Putri Haryati Ibrahim - Landscape Architecture

Assoc. Prof. *Sr. Gs.* Dr. Illyani Ibrahim - Urban Regional & Planning

Clerical Assistant

Sr. Nurul Umairah Noryazid

**JOURNAL OF ARCHITECTURE, PLANNING AND
CONSTRUCTION MANAGEMENT
VOLUME 16: ISSUE: 1/2026**

	Preface	v
01	HOUSING CONDITION AND NEIGHBOURHOOD SATISFACTION IN LAGOS, NIGERIA Oluwasegun James, Victor Onifade, Babalola Joseph	1-10
02	FACTORS INFLUENCING THE ADOPTION OF ECO-FRIENDLY MATERIALS IN SUSTAINABLE CONSTRUCTION IN LAGOS, NIGERIA Sunday Julius Odediran, Adewumi Joseph Babalola, Mayowa Damilare Adeyeni, Bunmi Lola Agboola, David Timileyin Onifade, Micheal Oluwagbeye Olusegun	11-18
03	ASSESSING THE FACTORS INFLUENCING FARMER-HERDER CONFLICTS (PHLCS) IN SUB-SAHARAN AFRICA: A CASE STUDY IN THE OKE-OGUN, NIGERIA Anthony Owolabi, Henry Afolabi, Albert Ayorinde Abegunde, Temitope Ruth Adeyemi, Olorunjuwon David Adetayo	19-41
04	SUSTAINABLE ROOFTOP GARDEN FOR MITIGATING URBAN HEAT ISLAND (UHI) IN KLANG VALLEY Batrisyia Adilah Gani, Maisarah Ali	42-51
05	CLASSROOM AESTHETIC AND STUDENT OUTCOMES: IMPACTS ON WELL-BEING AND ACADEMIC PERFORMANCE IN MALAYSIAN HIGHER EDUCATION INSTITUTIONS Nur Syazwani Selihin, Zalida Salleh, Julitta Yunus	52-65
06	ETHNOGRAPHIC INSIGHTS INTO TERRACE HOUSE RETROFIT PRACTICES: A CASE IN PETALING JAYA, MALAYSIA Siti Aishah Ramli, Julitta Yunus, Mohd Tajul Izrin Mohd Tajul Hasnan, Noor Sahidah Samsudin	66-84
07	ADAPTIVE HOUSING PLANNING STRATEGIES FOR STRENGTHENING URBAN POOR COMMUNITIES IN POST-PANDEMIC CITIES Hedieh Takhmiri, Nor Azlina Abu Bakar, Norsidah Binti Ujang, Marek Kozlowski	85-102

08	MAPPING DAYLIGHTING ZONES IN NIGERIA USING EMPIRICAL DATA AND CLIMATE MODELLING	103-118
	Abubakar Sadiq Salisu, Faruk Ibrahim Mukhtar, Okotete Andrew Oghenekevwe	
09	THE ROLE OF IMAGEABILITY IN STRENGTHENING PLACE ATTACHMENT IN UPGRADED ALLEYS: A SURVEY-BASED STUDY IN THE COMMERCIAL DISTRICT OF KUALA LUMPUR, MALAYSIA.	119-133
	Hammou Harizi, Noor Fazamimah Mohd Ariffin, Amine Moulay, Norsidah Ujang, Marek Kozlowski	
10	IMPACT OF DEVELOPMENT-INDUCED DISPLACEMENT ON SOCIO-ECONOMIC WELL-BEING OF MAKKAH RESIDENTS, SAUDI ARABIA	134-145
	Majrashi Abdurahman Abdulaziz M, Abdulaziz Hassan	
11	EXPLORING SPACE ADAPTABILITY AND MULTI-FUNCTIONALITY IN THE DESIGN AND CONSTRUCTION OF AN INTERNATIONAL TRADE FAIR COMPLEX FOR TARABA STATE	146-161
	Pius Lawan Kodei, Maryam Musa Machina, Ibrahim Abba Gubio, Dahiru Pius, Wasiyya Ahmad, Yusuf Abdullahi, Muhammad Idris Bala, Balele Isah Alhaji, Auwalu Adamu, Lawan Shettima	
12	SOCIO-TECHNOLOGICAL PATHWAYS TO SUSTAINABLE SMART CITIES: A DEMATEL ANALYSIS OF IoT CHALLENGES AND STRATEGIC RESPONSES	162-181
	Mohd Hisyam Jahimi, Lee Chia Kuang, Alvin Zhi Xun LUM, Thong Jun Zhou, Mohd Ruzaimi Bin Mohd Ariffin, Marian Bujna	
13	ALIGNING CURATORIAL INTENT WITH PERCEPTION-BASED NAVIGATION: SOM AND ISOVIST APPROACHES IN EXHIBITION DESIGN	182-193
	Sajid I Awal	

Notes for Contributors

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors, and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed, or endorsed by the publisher.

Published by

IIUM PRESS, Research Management Centre and Kulliyah of Architecture and Environmental Design, International Islamic University Malaysia

Copyright©2016 Kulliyah of Architecture and Environmental Design

ISSN 2231-9514

e-ISSN 2462-2222

All rights reserved. The authors are solely responsible for the statement made and opinions expressed in it and its publication does not imply that such statements and/or opinions are/or reflect the views or opinions of the Editors and Publisher. While every effort has been made to trace and acknowledge copyright, however if infringement should have occurred, the Editors and Publisher tender our apologies and upon this being pointed out would take steps to make the necessary correction.

PREFACE

السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

Dear All,

Journal of Architecture, Planning and Construction Management (JAPCM), Kulliyah of Architecture and Environmental Design is one the official journals of International Islamic University Malaysia (IIUM), under IIUM Press. It embarked in 2011 and is dedicated to the publication of original articles on the specialized fields of Architecture, Planning, Landscape Architecture, Quantity Surveying, Building Technology and Engineering, Applied Arts and Design, Construction Management and those related to the Built Environment. JAPCM is also the ardent forum for the reports of research that bridged the Built Environment and the Islamic worldview.

Prof. Ar. Dr. Abdul Razak Sopian
Editor-in-Chief