

JOURNAL OF ARCHITECTURE, PLANNING AND CONSTRUCTION MANAGEMENT

Editor-in Chief
Emeritus Prof. Ar. Dato' Dr. Elias Salleh
Kulliyah of Architecture and Environmental Design

VOLUME 10 ISSUE 1

**EDITOR-IN-CHIEF
AND
EDITORIAL BOARD**

ADVISOR

Prof. Ar. Dr. Abdul Razak Sopian
Dean
Kulliyah of Architecture and Environmental Design
E-mail: dean_kaed@iium.edu.my

EDITOR-IN-CHIEF

Emeritus Prof. Ar. Dato' Dr. Elias Salleh
Kulliyah of Architecture and Environmental Design
E-mail: elias@iium.edu.my

EXECUTIVE EDITOR

Asst. Prof. Dr. Aniza Abu Bakar
Kulliyah of Architecture and Environmental Design
E-mail: aaniza@iium.edu.my

TECHNICAL EDITORS

Secretariat

Asst. Prof. Dr. Roziha Che Haron (IIUM)
Asst. Prof. Dr. Raja Intan Suhaylah Raja Abdul Rahman (IIUM)

Language Editors

Assoc. Prof. TPr. Dr. Syahriah Bachok (IIUM)
Asst. Prof. Dr. Sharifah Mazlina Syed Khuzzan (IIUM)
Asst. Prof. Dr. Zumahiran Kamarudin (IIUM)

Copy Editing Editors

Asst. Prof. Dr. Nayeem Asif (IIUM)
Asst. Prof. LAr. Dr. Putri Haryati Ibrahim (IIUM)

Associate Editors

Assoc. Prof. Dr. Fadzidah Abdullah (Architecture)
Asst. Prof. Dr. Arita Hanim Awang (Applied Arts & Design)
Asst. Prof. Dr. Nur Affah Mohyin (Quantity Surveying)
Asst. Prof. Dr. Izawati Tukiman (Landscape Architecture)
Asst. Prof. Dr. Syakir Amir Ab. Rahman (Urban and Regional Planning)

INTERNATIONAL ADVISORY BOARD

Prof. Ar. Dr. Abdul Razak Sopian (IIUM)
Prof. TPr. Dato' Dr Mansor Ibrahim (IIUM)
Prof. TPr Dato' Dr. Alias Abdullah (IIUM)
Prof. Dato' Sri Ar. Dr. Asiah Abdul Rahim (IIUM)
Prof. TPr. Dr. Mariana Mohamed Osman (IIUM)
Assoc. Prof. TPr. Dr. M.Zainora Asnawi (IIUM)
Assoc. Prof. Tpr. Dr. Norzailawati Mohd Noor (IIUM)
Assoc. Prof. Ir. Dr. Mohd Fairullazi Ayob (IIUM)
Ts. Ismail Jasmani (IIUM)
Prof George Ofori (National University of Singapore)
Prof Martin Loosemore (University of Technology Sydney)
Prof. Roger Fay (University of Tasmania, Australia)
Prof. Zeynep Gül ÜNAL (Yildiz Technical University, Turkey)
Prof. Simon Bell (University of Edinburgh)
Prof. Maggie Roe (University of Newcastle)
Assoc. Prof. Dr. Mandana Barkeshli (University of Melbourne)

Asst. Prof. Dr. Sahitya Mirjam Sunara,
(University of Split, Zagrebacka, Croatia)
Prof Dr. Nakamura Hitoshi (Shibaura Institute of Technology)
Prof. Dr. Sadayuki Shimoda
(National Institute of Technology, Kumamoto College)

Webmaster

Br. Syarel Azill Yaali

Clerical Assistant

Sr. Hayati Abu Kassim

**JOURNAL OF ARCHITECTURE, PLANNING AND
CONSTRUCTION MANAGEMENT
VOLUME 10 : ISSUE 1/2020**

Preface	vii
TRANSIT-ORIENTED DEVELOPMENT (TOD) PLANNING ANALYSIS BY INTEGRATING GEOGRAPHIC INFORMATION SYSTEM (GIS) APPROACH	1
<i>Wan Zafirah Wan Mohd Najib, Norzailawati Mohd Noor, Abdul Azeez Kadar Hamsa</i>	
PUBLIC PARTICIPATION ASSESSMENT FOR ENVIRONMENTAL IMPACT ASSESSMENT IN MALAYSIA, CANADA AND NEW ZEALAND	16
<i>Maisarah Makmor, Hafez Salleh, Nikmatul Adha Nordin</i>	
IMPACTS OF RESIDENTIAL ENVIRONMENTS ON HOUSING SATISFACTION IN SELECTED NEIGHBOURHOODS OF OGUN STATE, NIGERIA	31
<i>Michael B.O. Adegbile, Victor Onifade, Funmilayo Adedire</i>	
THE SIGNIFICANCE OF COASTAL LANDSCAPE CHARACTERS AMONG LOCALS AND TOURISTS: A CASE STUDY OF GEBENG – KUALA TERENGGANU TOURISM ROUTE	44
<i>Nabilah Huda Zulkifli, Putri Haryati Ibrahim, Khalilah Zakariya</i>	
ASSESSMENT OF WAQF MODELS FOR PROVISION OF AFFORDABLE HOUSING IN MALAYSIA: A CASE STUDY OF MAJLIS AGAMA ISLAM WILAYAH PERSEKUTUAN (MAIWP).	55
<i>Hafis Bello, Mohd Fairullazi Ayob, Azila Ahmad Sarkawi</i>	
CHILDREN FRIENDLY MASJID: A GLIMPSE ON JAMAAH'S PERCEPTIONS TOWARDS CHILDREN AT MASJID	68
<i>Aniza Abu Bakar, Zur Atiqa Zulkifely, Nur Ayuni Mohd Bohori</i>	

FEASIBILITY INVESTIGATION ON IMPLEMENTATION OF HISTORICAL AND CULTURAL AXES APPROACH TO THE DEVELOPMENT OF PUBLIC SPACES: CASE STUDY OF LALEHZAR STREET TEHRAN USING SPACE SYNTAX ANALYSIS <i>Nahid Tahmasebiboldaji, Mehdi Savary</i>	80
QUANTUM MERUIT CLAIM IN CONSERVATION PROJECTS <i>Khairani Kamal, Roziha Che Haron, Zumahiran Kamaruddin</i>	92
EVALUATION ON ACOUSTICAL PERFORMANCE OF CLASSROOM SPATIAL AND LAYOUT ARRANGEMENT BY USING COMPUTER SIMULATION <i>Lim Su San, Chang Chun Hui, Nazli Che Din</i>	109
Notes for Contributors	119

Published by

IIUM PRESS, Research Management Centre and

Kulliyyah of Architecture and Environmental Design International Islamic University
Malaysia

Copyright©2016 Kulliyyah 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,

It has been observed that in the specialized fields of architecture, planning, landscaping architecture, quantity surveying, building technology and engineering, applied arts and design, and other fields related to the built environment there is a general lack of scholarly articles and research reports, either collectively or individually, that are closest to Malaysia, Asian and the Islamic perspectives. Consequently, the Kulliyah (Faculty) of Architecture and Environmental Design at the International Islamic University Malaysia (KAED, IIUM) considers it to be timely and appropriate for a journal i.e. Journal of Architecture, Planning and Construction Management (JAPCM) to be established.

The key aim of JAPCM is therefore to provide a platform for mitigating the 'gap' in the body of knowledge to be addressed. JAPCM offers an opportunity for researchers, research students, practitioners and authors to share their views, theoretical and empirical research findings; and readers, especially academics and students to appreciate and benefit from its contents. Research reports and theoretical papers, short practice notes, book reviews and abstracts from Masters and PhD theses and dissertations are welcome on any aspects of architecture, urban and regional planning, landscape architecture, quantity surveying, building technology and engineering, applied arts and design, and other fields related to the built environment discipline.

Emeritus Prof. Ar. Dato' Dr. Elias Salleh
Editor-In-Chief