

International Journal of Built Environment and Sustainability

IJBES

Volume 3, Issue 3, 2016
September 2016

E-ISSN:2289-8948
ISSN: 1511-1369



Published by
Faculty of Built Environment
Universiti Teknologi Malaysia
In collaboration with
Penerbit UTM
Universiti Teknologi Malaysia
81310, Johor Bahru, Malaysia

IJBES

International Journal of Built Environment and Sustainability

<http://ijbes.utm.my>

EDITORIAL BOARD

Roslan Amirudin, Chief Editor, Universiti Teknologi Malaysia
Ariva Sugandi Permana, Managing Editor, Universiti Teknologi Malaysia

International Editorial Board

ATM Nurul Amin, Northsouth University, Bangladesh
Anoma Kumarasuriayar, Queensland University of Technology, Australia
Ansar-Ul-Haque Yasar, Hasselt University, Belgium
Awais Piracha, University of Western Sydney, Australia
Bhishna Bajracharya, Bond University, Australia
Chandrasekar Parsuvanathan, Velammal Engineering College, India
Jayant K. Routray, Asian Institute of Technology, Thailand
Jung-Geun Ahn, Gyeongsang National University, Korea
Kwon Tae Ho, Semyung University, Korea
Ludovic Lacrosse, Executive Chairman of Full Advantage Company, Thailand
Michail Kagioglou, University of Huddersfield, United Kingdom
Michihiko Shinozaki, Shibaura Institute of Technology, Japan
Mohammed A. Husain, Modibbo Adama University of Technology, Nigeria
Muhammad Abu Yusuf, Asian Institute of Technology, Thailand
Ranjith Perera, Sultan Qaboos University, Oman
Roos Akbar, Bandung Institute of Technology (ITB), Indonesia
Shahed Khan, Curtin University of Technology, Australia
Soheil Sabri, University of Melbourne, Australia
Sudaryono Sastrosasmito, Gadjah Mada University, Indonesia
Tetsu Kubota, Hiroshima University, Japan
Vilas Nitivattananon, Asian Institute of Technology, Thailand

National Editorial Board

Mansor Ibrahim, International Islamic University, Malaysia
Shamsul Hadi Bandi, Universiti Teknologi Malaysia
Julaihi Wahid, Universiti Sains Malaysia
Zalina Shari, Universiti Putra Malaysia
Zahid Sultan, Universiti Teknologi Malaysia
Ariva Sugandi Permana, Universiti Teknologi Malaysia
Ismail Said, Universiti Teknologi Malaysia
M. Rafee Majid, Universiti Teknologi Malaysia
Kherun Nita Ali, Universiti Teknologi Malaysia
Hamidah Ahmad, Universiti Teknologi Malaysia
Hasanuddin Lamit, Universiti Teknologi Malaysia
Mahmud Mohd Jusan, Universiti Teknologi Malaysia
Raja Nafida bt Raja Shahminan, Universiti Teknologi Malaysia
Tareef Hayat Khan, Universiti Teknologi Malaysia
Khairul Anwar Khaidzir, Universiti Teknologi Malaysia
Gurupiah Mursib, Universiti Teknologi Malaysia
Wan Hashimah Wan Ismail, Universiti Teknologi Malaysia
Fadhlin Abdullah, Universiti Teknologi Malaysia
Nur Emma Mustapa, Universiti Teknologi Malaysia
Razali Adul Hamid, Universiti Teknologi Malaysia
Muzani Mustaffa, Universiti Teknologi Malaysia

Mail Address:

International Journal of Built Environment and Sustainability

Faculty of Built Environment
Universiti Teknologi Malaysia
81310, Johor Bahru, Malaysia
Telephone: +60-7-5537382
Email: ariva@utm.my and ijbes@utm.my

Copyright © FAB, UTM, 2015
Cover Design and Type-set by: AS Permana

DISCLAIMERS:

This publication is intended to enrich the knowledge in the field of built environment and sustainability. Therefore, you may use the materials contained herein for free as long as for the use of academic purpose. However, you must cite this scientific material properly

The views expressed in this publication do not necessarily reflect the views of the Faculty of Built Environment, Universiti Teknologi Malaysia.



The IJBES is an international peer-reviewed Journal
Published in collaboration between Faculty of Built Environment and Penerbit UTM

E-ISSN: 2289-8948
ISSN: 1511-1369

IJBES

Year 3, Issue 3, 2016

Table of Contents

1.	Urban Optimum Population Size and Development Pattern Based on Ecological Footprint Model: Case of Zhoushan, China <i>LU Yuan</i>	134-141
2.	Conceptual Framework of Ecosystem Services in Landscape Planning, Malaysia <i>Yeo Lee Bak, Ismail Said, Kei Saito, Gabriel Ling Hoh Teck</i>	142-149
3.	Formal Housing Sector Reform in Neoliberal Nigeria <i>Maren Mallo Daniel, Samuel Danjuma Wapwera, Celina Onugba Omogor, Eniola Samuel Olutunde</i>	150-157
4.	Construction Failures in Lagos Metropolis: An insight of non-technical issues <i>Ndubisi Onwuanyi</i>	158-167
5.	Health Risk Assessment for Transport Corridors in Delhi through Vehicular Air Polluting Mapping <i>Nitin Kumar, Amrit Kumar</i>	168-175
6.	NMT as Green Mobility Solution for First/Last Mile Connectivity to Mass Transit Stations for Delhi <i>Chidambara</i>	176-183
7.	The Needs for Professionalism and Competency in the Construction Industry <i>Joseph Oyewale Oyedeji, Abiodun Kazeem Sodiya</i>	184-190
8.	Between Land and People: A Review of Socioeconomic Issues within the context of Rapid Development in Iskandar Malaysia <i>Zahid Sultan, Nur Zainul Arifin Bin Norizan, Mufeeza Tahira</i>	191-198
9.	Spatial Pattern, Transportation and Air Quality Nexus: The Case of Iskandar Malaysia <i>Azalia Mohd Yusop, Ariva Sugandi Permana</i>	199-208