

A l a m C i p t a

International Journal on Sustainable Tropical Design Research and Practice
Vol 12 (Issue 2) December 2019 ISSN 1823-7231



Faculty of Design and Architecture
Universiti Putra Malaysia

Editor-in-Chief
Suhardi Maulan

Editor
Zalina Shari

TABLE OF CONTENT

Editorial Preface	
Planning and Design as a Basis for Sustainability Development Goal Suhardi Maulan.....	1
Applicability of Malaysian Standards (Ms 966) in Benefiting Health and Safety of Children in Malaysia Cheah Kah Ling, Raja Ahmad Azmeer, Mohd Shahrizal Dolah, Saiful Hasley and Jusang Bolong.....	3
A Critical Review on Building Performance Simulation Tools Aslihan Senel Solmaz.....	7
The Importance of Institutional Support to Sustain Communities' Livelihoods in Marine Protected Area: Tun Sakaran Marine Park, Sabah, Malaysia Nor Azlina Abu Bakar and Geoffrey Wall.....	21
Sustaining the Motivation of Quantity Surveyors in Facing the Competitive Environment Siti Sarah Herman.....	32
The Significance of Heritage Trees Conservation for Urban Development in Taiping Lake Garden, Malaysia Noor Fazamimah Mohd Ariffin, Noor Azramalina Abdul Aziz and Mohd Yazid Mohd Yunus.....	38
Local Residents and Tourists' Opinion on the Effects of Boating Activity Towards Kilim Waterways Putri Haryati Ibrahim, Widad Mohd Ismail and Mazlina Mansor.....	47
Impact of Built Environment on Thermal Perceptions Among Office Workers in Tropical Low Carbon City: A Physical Inactivity Awareness Assessment Nur Dalilah Dahlan, Mainur Kurmanbekova, Zalina Shari and Amirudin Abdul Aziz.....	56
Influence of Landscape Environmental Settings on Outdoor Pedestrian Thermal Comfort in Tropical Climate Zanariah Kasim, Mohd Fairuz Shahidan, Norsidah Ujang and Nur Dalilah Dahlan.....	73
Instructions to Authors	85

EDITORIAL BOARD

Editor-in-Chief : SUHARDI MAULAN, Universiti Putra Malaysia, Malaysia
Editor : ZALINA SHARI, Universiti Putra Malaysia, Malaysia,
MOHD NASIR BAHARUDIN, Universiti Putra Malaysia, Malaysia
Associate Co-Editor : RAJA AHMAD AZMEER RAJA AHMAD EFFENDI, Universiti Putra Malaysia, Malaysia
MOHD JOHARI MOHD YUSOF, Universiti Putra Malaysia, Malaysia

International Scientific Committee

PHILLIP JONES, Cardiff University, United Kingdom

Editorial Board Members

KHAIRUL AIDIL AZLIN ABD RAHMAN, Universiti Putra Malaysia, Malaysia
MEOR MOHAMMAD FARED MEOR RAZALI, Universiti Putra Malaysia, Malaysia
MOHD RAMZI MOHD HUSSAIN, International Islamic University Malaysia
MOHD HAMDAN HAJI AHMAD, Universiti Teknologi Malaysia
DZULKIFLI BIN AWANG, Universiti Teknologi Malaysia
RAHINAH IBRAHIM, Universiti Putra Malaysia, Malaysia
MUSTAFA KAMAL MOHD SHARIFF, Universiti Putra Malaysia, Malaysia

NOORIZAN MOHAMED, Universiti Putra Malaysia, Malaysia
NORSIDAH UJANG, Universiti Putra Malaysia, Malaysia
OSMAN MOHD. TAHIR, Universiti Putra Malaysia, Malaysia
BELINDA YUEN, Singapore University of Technology and Design, Singapore
JACK STEVEN GOULDING, University of Central Lancashire, United Kingdom
PATRICK MILLER, Virginia Polytechnic Institute & State University, U.S.A.
TONG MAHN AHN, Seoul National University, REPUBLIC of KOREA
NEZAR ALSAYYAD, University of California, U.S.A.

TOMASZ ARCISZEWSKI, George Mason University, U.S.A.
CECIL C. KONIJNENDIJK VAN DEN BOSCH, Sveriges Lantbruks Universitet, Sweden
RICHARD DE DEAR, University of Sydney, Australia
ARMAN HASHEMI, University of Cambridge, United Kingdom
ASHRAF M. SALAMA, University of Strathclyde Glasgow, United Kingdom
MIROSLAW J. SKIBNIEWSKI, University of Maryland, U.S.A.
VERONICA SOEBARTO, University of Adelaide, Australia

Reviewers

AZHARI MD HASHIM, Universiti Teknologi MARA
VELU A/L PERUMAL, Universiti Putra Malaysia
AHMAD SHUIB, Universiti Putra Malaysia
NOORDEYANA TAMBI, Universiti Kebangsaan Malaysia
MUNEERA ESA, Universiti Sains Malaysia
HASIF RAFIDEE HASBOLLAH, Universiti Malaysia Kelantan
INA KRISATIA, Trisakti university
SAPURA MOHAMAD, Universiti Teknologi Malaysia

ANUAR ALIAS, Universiti Malaya
SYAMSUL HERMAN MOHAMMAD AFFANDI, Universiti Putra Malaysia
ROSILAWATI ZAINOL, Universiti Malaya
DILEEP KUMAR, Swinburne University of Technology
ARZUHAN BURCU GULTEKIN, Ankara University
NORSIDAH UJANG, Universiti Putra Malaysia
YEE GUAN NG, Universiti Putra Malaysia
WONG NYUK HIEN, National University Singapore

Index

Scopus, MyCite, National Library, UPM Intellectual Repository, Design and Applied Arts (DAAI), Arts and Humanities Index (CSA Illumina), EBSCO and ISC (Islamic World Science Citation Center)