PLANNING SUSTAINABLE CITIES IN MALAYSIA
Issues and Challenges

MARIANA MOHAMED OSMAN
ALIAS ABDULLAH
MOHAMMAD ABDUL MOHIT
AZILA AHMAD SARKAWI

IIUM PRESS
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
Published by:
IIUM Press
International Islamic University Malaysia

© IIUM Press, IIUM

Individual contributors copyright © Prof. Dato’ Dr. Mansor Ibrahim, Prof. Dato’ Dr. Alias Abdullah, Prof. Dr. Mohammad Abdul Mohit, Assoc. Prof. Dr. Abdul Azeez Kadar Hamsa, Asst. Prof. Dr. Rustam Khairi Zahari, Asst. Prof. Dr. Mariana Mohamed Osman, Br. Samsuddin Jaafar, Asst. Prof. Dr. Lukman Hakim Mahamod, Asst. Prof. Dr. M. Zainora Asmawi, Asst. Prof. Dr. Azila Ahmad Sarkawi, Asst. Prof. Dr. Syafiee Shuid, Asst. Prof. Dr. Norzailawati Mohd Nor.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without any prior written permission of the publisher.

Mariana Mohamed Osman
Built Environment Selected Writings
Mariana Mohamed Osman

ISBN : 978-967-418-047-8

Printed by:
IIUM PRINTING SDN.BHD.
No. 1, Jalan Industri Batu Caves 1/3
Taman Perindustrian Batu Caves
Batu Caves Centre Point
68100 Batu Caves
Selangor Darul Ehsan
CONTENTS

Contents v
List of Tables vii
List of Figures viii
Foreword ix
Preface xi
Contributors xiii

CHAPTER 1: THE PROVISION OF MUSALLA FACILITIES IN SELECTED MULTI-LEVEL SHOPPING COMPLEXES OF KUALA LUMPUR, MALAYSIA
Mohammad Abdul Mohit and Suraiya Alisa 1

CHAPTER 2: APPLICATION OF GIS SITE SUITABILITY ANALYSIS TO IDENTIFY SITES FOR POLICE STATIONS IN URBAN AREAS: A CASE STUDY OF WANGSA MAJU, KUALA LUMPUR
Samsuddin Jaafar and Zul Aiman Md. Salleh 12

CHAPTER 3: A STUDY ON THE EFFECTIVENESS OF NEW STATIC INFORMATION SIGNAGE IN INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA, GOMBAK CAMPUS
Syahrirah Bachok and Syazwani Sahrir 20

CHAPTER 4: FACTORS INFLUENCING THE DECISION TO WALK IN CAMPUS: A CASE STUDY OF UNIVERSITY OF MALAYA, PETALING JAYA
Mariana Mohamed Osman and Nuraihan Mohd Ibrahim 33

CHAPTER 5: ASSESSING TRAFFIC MANAGEMENT MEASURES IN THE CITY ROADS OF KUALA LUMPUR
Abdul Azeez Kadar Hamsa 44

CHAPTER 6: AN OVERVIEW OF GIS BASED ANALYSIS IN SCHOOL SITING IN MALAYSIA
Alias Abdullah, M Zainora Asmawi and Md Farabi Yussof Md Yussof 51
<table>
<thead>
<tr>
<th>CHAPTER 7:</th>
<th>STATE INTERVATION IN LOW COST HOUSING ALLOCATION IN MALAYSIA UNDER THE COMPUTERISED OPEN REGISTRATION SYSTEM (ORS)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Syafiee Shuid</td>
</tr>
<tr>
<td>CHAPTER 8:</td>
<td>THE EFFECTS OF AIRBONE PARTICULATE FROM COAL POWER PLANT TOWARDS THE RESIDENCE AT MANJONG, PERAK</td>
</tr>
<tr>
<td></td>
<td>Shamzani Affendy Mohd Din and Muhammad Ihsan Shaharil</td>
</tr>
<tr>
<td>CHAPTER 9:</td>
<td>RIGHTS AND OBLIGATIONS OF NEIGHBOURING LANDOWNERS IN DEVELOPMENT PLANNING</td>
</tr>
<tr>
<td></td>
<td>Azila Ahmad Sarkawi</td>
</tr>
<tr>
<td>CHAPTER 10:</td>
<td>PLANNING AND FOOD SECURITY</td>
</tr>
<tr>
<td></td>
<td>Rustam Khairi Zahari, Raja Noriza Raja Ariffin, Mohammed Amer Younus and Nurul Hidayah Yahya</td>
</tr>
</tbody>
</table>
CHAPTER 7

STATE INTERVENTION IN LOW COST HOUSING ALLOCATION IN MALAYSIA UNDER THE COMPUTERISED OPEN REGISTRATION SYSTEM (ORS)

Syafiee Shuid

INTRODUCTION

In order to modernise and solve problems related to low cost housing allocation in Malaysia, the Open Registration System (ORS) was proposed by the Federal government in 1997 (MHLG, 1998). The National Housing Department (NHD) under the Ministry of Housing and Local Government (MHLG) was given responsibility for preparing the proposal to establish ORS. After consultation with the State governments, ORS was finally approved for introduction and implementation throughout the country in a cabinet meeting dated 28\textsuperscript{th} May 1997 (MHLG, 2004 p.1). Thus, all State governments were required to adopt ORS and abandon their existing allocation system (MHLG, 2006, p. 54). However, Sarawak was the only state in Malaysia to refuse to adopt the ORS framework for low cost housing allocation until the present day.

The chapter is divided into four sections to discuss the operations, secondly the improvement to ORS since 1997, thirdly the importance of state intervention in low cost housing allocation in Malaysia and finally the conclusion.

THE OPERATIONS OF ORS

There were five main purposes for the establishment of the ORS (MHLG 1998): the first was to provide a countrywide “waiting list” of eligible low cost house buyers. The second was to standardise the criteria for the selection of eligible buyers who are considered qualified and therefore can be “short listed”. The third reason was to avoid misconduct in the selection of eligible low cost house buyers. The fourth was to ensure that only eligible buyers were entitled to buy and subsequently own low cost houses and that no buyers would be allowed to purchase more than one unit of low cost housing; and the final reason was to ensure the selection process became more transparent.

The MHLG (MHLG, 2006) expected full implementation of the ORS throughout the country to derive several outcomes; firstly, data on potential and eligible applicants and supplies of low cost housing stocks could be compiled by relevant authorities in a more systematic and comprehensive manner. Secondly, the allocation processes could be monitored with relative ease. Thirdly, an evaluation of the backgrounds of the applicants and the selection of eligible buyers could be done within a shorter time frame; and finally, the ORS could allow a more transparent and fair distribution of low cost houses. The idea of establishing a standardised and centralised