

CONTEMPORARY STUDIES AND METHODOLOGY IN URBAN AND REGIONAL PLANNING IN MALAYSIA



MARIANA MOHAMED OSMAN
RUSTAM KHAIRI ZAHARI
SYAHRIAH BACHOK

IIUM PRESS
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA



CONTEMPORARY STUDIES
AND METHODOLOGY IN
URBAN AND REGIONAL
PLANNING IN MALAYSIA

MARIANA MOHAMED OSMAN
RUSTAM KHAIRI ZAHARI
SYAHRIAH BACHOK



IIUM Press

Published by:
IIUM Press
International Islamic University Malaysia

First Edition, 2011
©IIUM Press, IIUM

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.

Perpustakaan Negara Malaysia

Cataloguing-in-Publication Data

Mariana Mohamed Osman, Rustam Khairi Zahari & Syahriah Bachok: Contemporary Studies and Methodology in Urban and Regional Planning in Malaysia

Bibliography p.

Includes Index

ISBN

ISBN: 978-967-0225-67-8

Member of Majlis Penerbitan Ilmiah Malaysia – MAPIM
(Malaysian Scholarly Publishing Council)

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

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Foreword | iii |
| List of Tables | v |
| List of Figures | vi |
| | |
| CHAPTER 1: THE CONCEPTS OF GOD, MAN AND THE ENVIRONMENT IN ISLAM: IMPLICATIONS FOR ISLAMIC ARCHITECTURE Spahic Omer | 1 |
| | |
| CHAPTER 2: THE LESSONS OF PROPHET MUHAMMAD IN URBAN PLANNING AND DEVELOPMENT Spahic Omer | 23 |
| | |
| CHAPTER 3: DEVELOPMENT CONTROL IN SABAH WITHIN A CONTEXT OF PLANNING SYSTEM IN MALAYSIA Noor Suzilawati Rabe, Mariana Mohamed Osman and Azila Ahmad Sarkawi | 43 |
| | |
| CHAPTER 4: A STUDY ON RESIDENTS' SATISFACTION WITH MAINTENANCE MANAGEMENT OF LOW-COST HOUSING IN KUALA LUMPUR Mohammad Abdul Mohit and Nurul Helma Bt. Mohammad Aminullah | 74 |
| | |
| CHAPTER 5: THE IMPORTANCE OF TOWN PLANNING SYSTEM IN SUSTAINING COASTAL MANAGEMENT IN MALAYSIA M.Zainora Asmawi | 101 |
| | |
| CHAPTER 6: REMOTE SENSING IN URBAN SPRAWL MODELING: SCENARIO AND WAY FORWARD IN DEVELOPING COUNTRIES Norzailawati Mohd Noor and Alias Abdullah | 115 |

| | | |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------|-----|
| CHAPTER 7: | THE POLITICAL ECONOMY CHANGES AND STRUCTURE OF HOUSING PROVISION IN MALAYSIA | 126 |
| | Syafiee Shuid | |
| CHAPTER 8: | THE CONCEPT OF COMMUNITY PARTICIPATION IN URBAN PLANNING | 160 |
| | Mariana Mohamed Osman | |
| CHAPTER 9: | SAMPLE, SAMPLING AND SURVEY METHODS IN TRANSPORTATION PLANNING PROJECTS | 185 |
| | Abdul Azeez Kadar Hamsa | |
| CHAPTER 10: | RESEARCH METHODOLOGY ON THE STUDY OF RESPONSES OF THE SQUATTERS' COMMUNITIES TO FLOOD HAZARDS IN KUALA LUMPUR | 198 |
| | Rustam Khairi Zahari and Raja Noriza Raja Ariffin | |
| CHAPTER 11: | RESEARCH DESIGN FOR EXPLANATORY CASE STUDY ADOPTED MIXED METHOD APPROACH | 226 |
| | Luqman Hakim Mahamod | |
| CHAPTER 12: | RESEARCH METHODOLOGY ON THE STUDY OF PLANNING LAW IN SABAH, MALAYSIA | 239 |
| | Noor Suzilawati Rabe, Mariana Mohamed Osman and Azila Ahmad Sarkawi | |
| CHAPTER 13: | MODELLING USERS' MODE CHOICE BEHAVIOUR | 255 |
| | Syahriah Bachok | |

CHAPTER 5

THE IMPORTANCE OF TOWN PLANNING SYSTEM IN SUSTAINING COASTAL MANAGEMENT IN MALAYSIA

M. Zainora Asmawi (Asst. Prof. Dr.)

Department of Urban and Regional Planning
Kulliyah Architecture and Environmental Design (KAED)
International Islamic University Malaysia (IIUM)
P.O Box 10, 50278 Kuala Lumpur
Contact No: +603-61994000 ext. 3725 Fax: +603-61964864
Email: zainora@iium.edu.my

INTRODUCTION

This chapter discusses the relationship between coastal management and town planning disciplines. The context of this paper starts with the development of coastal management, which is recognised as a useful medium for managing coastal areas in many countries. The development of coastal management is accepted in many countries, especially with the impetus gained following the Earth Summit meeting in Rio de Janeiro in 1992. So far, there is no legal framework for coastal management in Malaysia. In the local context, Abdullah (1999), Asmawi (2010) and Basiron (1998) state that coastal management in Malaysia has traditionally been carried out on a sectoral basis with a top-down approach in dealing with the matter. Though this has many limitations, the sectoral-based approach has worked relatively well during the past decade (Abdullah, 1999). However, its drawbacks signal a number of improvements required for developing a better system of managing the coastal areas efficiently. Literatures and practices indicate that coastal management concentrates on environmental resource elements and is poorly integrated