

Green Architecture in Built Environment

Mohd Ramzi Mohd Hussain
Izawati Tukiman
Asiah Abdul Rahim
Shamzani Affendy Mohd Din



IIUM PRESS

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

GREEN ARCHITECTURE IN BUILT ENVIRONMENT

Edited By

Mohd Ramzi Mohd Hussain
Izawati Tukiman
Asiah Abdul Rahim
Shamzani Affendy Mohd Din



*KAED Universal Design Unit, KAED
International Islamic University Malaysia (IIUM) Kuala Lumpur MALAYSIA*



IIUM Press

Published by:
IUM Press
International Islamic University Malaysia

First Edition, 2011
©IUM Press, IUM

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

Mohd Ramzi Mohd Hussain, Izawati Tukiman, Asiah Abdul Rahim &
Shamzani Affendy Mohd Din: Green Architecture in Built Environment

ISBN: 978-967-418-039-3

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

Printed by :
IUM 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

Acknowledgements	v	
Preface	vi	
Chapter 1	Adaptability and Modularity in Housing: A Case Study of Raines Court and Next21 Zulkefle Ismail and Asiah Abdul Rahim	1
Chapter 2	Strength Comparison of Lightweight Foam Concrete of High Density Using Three (3) Different Water Cement Ratio Alonge O. Richard and Mahyudin Ramli	33
✓ Chapter 3	Landscape Design as Part of Green and Sustainable Building Design Norhanis Diyana Nizarudin, Mohd Ramzi Mohd Hussain and Izawati Tukiman	43
✓ Chapter 4	The Acceptability of Four Dimension (4D) Virtual Construction in Malaysia Maisarah Ali and Julia Mohd Nor	53
✓ Chapter 5	Reflected Radiation Intensity Estimation Using Artificial Neural Network Muhammad Abu Eusuf and S. Adebayo-Aminu	71
Chapter 6	Evaluation of Affordable Urban-Mass House Design Based on Islamic Principles Ahmad Bashri Sulaiman and Fakhriah Muhsin	83
✓ Chapter 7	The Idea of Maqasid Al-Shari'ah in the Planning of Gated Community Scheme in Malaysia Sharifah Fadylawaty Syed Abdullah, Azila Ahmad Sarkawi and Syahriah Bachok	95
Chapter 8	Effect of Airborne Particulates Towards Historical Heritage at Manjung, Perak Darul Ridzuan and National Museum. Kuala Lumpur Norsyamimi Hanapi and Shamzani Affendy Mohd Din	115

THE IDEA OF MAQASID AL- SHARI'AH IN THE PLANNING OF GATED COMMUNITY SCHEME IN MALAYSIA

Sharifah Fadylawaty Syed Abdullah, Azila Ahmad Sarkawi and Syahriah Bachok
Kulliyah of Architectural and Environmental Design (KAED)
International Islamic University of Malaysia (IIUM)

ABSTRACT

Gated community is a new global phenomenon and spread in most countries including Muslim countries such as Arab Saudi, Dubai, Indonesia, Brunei and also Malaysia. The idea of gated community evolves from time to time stemming from the needs of safety in human life. Since then, much have been said about gated community that the paper offers a discussion on the idea of Maqasid Al-Shariah in the planning of gated community scheme. This is due to the specialty of the Maqasid Al-Shariah as a science that aphoristically subsumes all the spectrums in which the objectives of shariah is promoted. For that purpose, the library research was conducted to study the relevant sources of Islamic views on Maqasid Al-Shariah and the practice of gated community scheme in Malaysia. Preliminarily, the study found that maqasid al-shari'ah offers a new dimension in the planning of gated community scheme in Malaysia in the sense that the preservation of religion is the most priority, followed by self, intellect, lineage and property. Thus, maqasid al-shari'ah must be put special attention in the planning of gated community for the comprehensive positive impacts that may be derived.

Keywords: Maqasid Al-Shari'ah, Gated Community, Planning, Housing Scheme

1.0 INTRODUCTION

This paper discusses the Maqasid Al-Shari'ah in the planning of gated community scheme in Malaysia. The main focus of the discussion is to view on how the Maqasid Al-Shariah may be applied in gated community. It is a new step and a preliminary study based on literature review and more on theoretical or conceptual approach. Thus, the authors will limit the scope of discussion on five consensus of Maqasid Al-Shariah only which is the preservation of faith, life, intellect, lineage and property.

2.0 GATED COMMUNITY IN MALAYSIA

This scheme is a global phenomenon (Shaharudin, 2005) (Ismar & others, 2006) and has long resided abroad. It started since the discovered cities of fortified and have been developed worldwide like in United States, South Africa, the Middle East, Asia Pacific (Shaharudin, 2005) and Latin America (Chan, 2008).