

Spirituality and Sustainability

EXPERIENCES OF
THE INTERNATIONAL
ISLAMIC UNIVERSITY MALAYSIA

Edited by

Abdul Rashid Moten

With a foreword by Professor Emeritus Tan Sri Dato' Dzulkifli Abdul Razak,
Rector, the International Islamic University Malaysia (IIUM)



IIUM



Spirituality and Sustainability

EXPERIENCES OF
THE INTERNATIONAL
ISLAMIC UNIVERSITY MALAYSIA

Edited by
Abdul Rashid Moten

With a foreword by Professor Emeritus Tan Sri Dato' Dzul kifli Abdul Razak,
Rector, the International Islamic University Malaysia (IIUM).



IIUM
Press



KUALA LUMPUR 2020
World Book Capital

Gombak • 2020

First Print, 2020
© IIUM Press, IIUM

IIUM Press is a member of the Majlis Penerbitan Ilmiah Malaysia - MAPIM
(Malaysian Scholarly Publishing Council)
Persatuan Penerbit Buku Malaysia - MABOPA
(Malaysian Book Publishers Association)
No. of Member - 201905

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

SPIRITUALITY AND SUSTAINABILITY : EXPERIENCES OF THE
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA / Edited

by: Abdul Rashid Moten
ISBN 978-967-491-048-8

1. Sustainable development--Religious aspects--Islam.
 2. Maqasid (Islamic law).
 3. Education, Higher--Activity programs--Malaysia.
 4. Government publications--Malaysia.
- I. Abdul Rashid Moten.
338.927088297.

Published in Malaysia by
IIUM Press
International Islamic University Malaysia
P.O. Box 10, 50728 Kuala Lumpur

Printed in Malaysia by
Reka Cetak Sdn. Bhd.
No. 12 & 14, Jalan Jemuju Empat 16/13D
Seksyen 16, 40200 Shah Alam
Selangor Darul Ehsan.

Contents

<i>Figures</i>	<i>ix</i>
<i>Tables</i>	<i>xiii</i>
<i>Foreword</i>	<i>xv</i>
<i>Preface</i>	<i>xix</i>
<i>Acknowledgements</i>	<i>xxiii</i>
<i>Introduction</i>	<i>xxv</i>
<i>Abbreviations</i>	<i>xxix</i>

PART I: SUSTAINABILITY AND SPIRITUALITY

Chapter 1	2
Spirituality and Sustainable Development Goals M. Kamal Hassan	
Chapter 2	28
The Convergence between <i>Maqāṣid al-Sharī'ah</i> and Sustainable Development Goals Abdul Rashid Moten	
Chapter 3	52
An Islamic Model of Civilisational Development and Sustainability: <i>A Maqāṣidic Approach</i> Abdelaziz Berghout	

PART II: SUSTAINABILITY IN THE UNIVERSITY

Chapter 4	66
<i>Maqāṣid al-Sharī'ah</i> and Sustainable Development Goals for Performance Measurement Zainal Abidin Sanusi, Muhaideen Abdul Kader Mohamad Iqbal & Wan Zahidah Wan Zulkifle	
Chapter 5	94
Moral and Holistic Development in Higher Education Homam Altabaa	

Chapter 6	108
Give, So Others Can Live: Food Assistance Programmes Wan Zahidah Wan Zulkifle	
Chapter 7	118
Energy Efficiency Project: Green Initiative for the Gombak Campus Rustam Khairi Zahari & Hazlina Mazlan	
Chapter 8	138
The IIUM River of Life Flagship Project Ma'an Al Khatib & 'Atiah Abdullah Sidek	
Chapter 9	160
Towards a Sustainable Campus: Zero Single-Use Plastic Campaign Azlin Suhaida Azmi, Raudlotul Firdaus Fatah Yasin & Nurul Jannah Zainan Nazri	
Chapter 10	174
Therapeutic Community Programme: Smile and <i>Salām</i> Campaign Nur Masturah Mohamad Arif	

PART III: SUSTAINABILITY BEYOND THE UNIVERSITY

Chapter 11	190
Women Waste Collectors, Recyclers and Repurposers for Circular Economy: An Ethnographic Study Rohaiza Rokis	
Chapter 12	202
Malay Medical Manuscripts: Actualisation of <i>Maqāṣid al-Sharī'ah</i> and Sustainable Development Goals Mohd Affendi Mohd Shafri	
Chapter 13	218
The <i>Orang Asli</i> Living Cultural Heritage: The Jungle School Gombak, Malaysia Norzalifa Zainal Abidin	

Chapter 14	230
Spirituality Through Humanitarian Fieldwork Wan Mazwati Wan Yusoff	
Chapter 15	244
Feeding Tomorrow: Promoting Islamic Dietary Laws as a Source of Good Health and Well-Being Haruna Babatunde Jaiyeoba, Azura Amid & Mohammad Aizat Jamaludin	
Chapter 16	258
Promotion of Intellect Through Knowledge Transfer Nazariah Shar'ie Janon	
Chapter 17	270
Holistic Education for Sustainable Development: Concluding Observations M. Kamal Hassan & Nur Jannah Hassan	
<i>Glossary</i>	284
<i>References</i>	290
<i>Contributors</i>	300
<i>Index</i>	306

CHAPTER 12

**Malay Medical
Manuscripts:
Actualisation of
Maqāṣid Al-Sharī'ah and
Sustainable Development
Goals**

Mohd Affendi Mohd Shafri

Malay medical manuscripts are documents of their kind handwritten in the Jawi script across the Malay-speaking world. The oldest extant Malay medical manuscript, *Sia-sia Berguna* is said to have survived since the 15th century. Other Malay medical manuscripts could not stand the devastation of natural disasters and wars or the climate of the Malay world. Hence most of the manuscripts in existence date back to the 18th century onwards. These manuscripts contain knowledge of anatomy, medicine, pharmacology and spiritual panacea which has been practised for centuries by the Malays. Anatomy, for example, was discussed in *Bustān al-Salaṭīn*, a medical text from Aceh (Figure 12.1).

Other Malay medical manuscripts are arranged in a systematic fashion, as medical conditions are discussed according to whether they involve a particular bodily system or are general conditions not confined to a specific area of the body. Pharmacological treatment usually entails polypharmacy or combination of several medicinal items – commonly roots, leaves, shoots or fruits of plants – to be concocted in a specific way. Different treatment adheres to specific regulations or prohibitions to ensure the effective delivery of the therapeutic formulations, much in common with the discipline of knowledge called pharmaceutical technology today. Some of the commonest plants used by the Malays are ginger, turmeric, camphor, agarwood and rice in addition to a long list of flowering, aromatic medicinal plants available across the Malay Archipelago. Some of these therapeutic formulations are used together with spiritual medicine in which prayers or recitation of certain Qur’ānic verses are recommended.

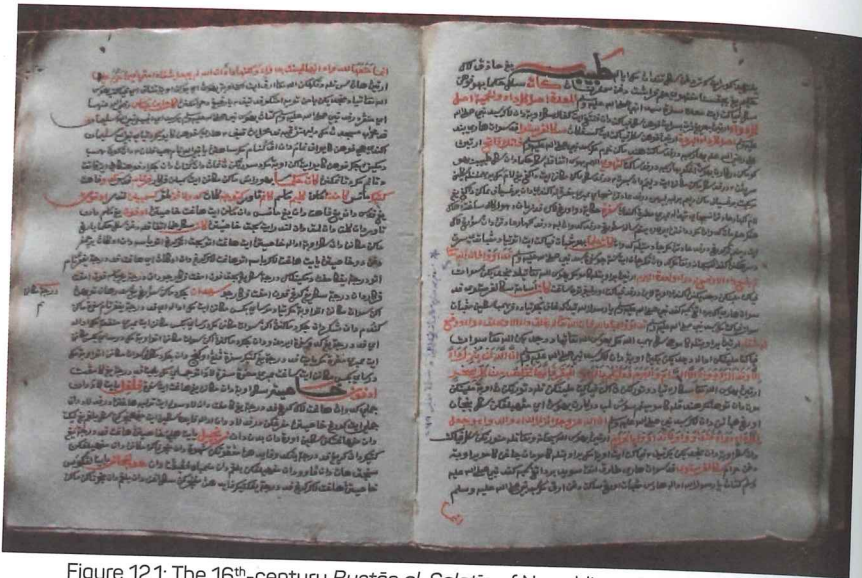


Figure 12.1: The 16th-century *Bustān al-Salāṭīn* of Nuruḍḍīn ar-Ranīrī one of the earliest examples of Malay medical manuscripts.

Source: Personal collection.

The intense sea trade in the Malay Archipelago had exposed the Malays to the Arab, Persian, Indian and Chinese influences. Thus, a unique medical tradition – one which is akin to but different from the traditional theories and practices of the Greek, Arab, Indian and Chinese – emerged from an amalgamation of local and foreign medical traditions characterised by:

1. A strong Islamic colour e.g. the use of *Ṭibb al-Nabawī*, Qur’ānic verses and prayers.
2. The rejection of superstitions.
3. A humoral theory in light of local healing theory, climate and resources.
4. A creative, contemplative use of local produce and techniques especially plant forms.
5. A holistic approach and dichotomy-free (association of physical-non-physical aspects) attitude to sickness and healing.

Many of the Malay medical manuscripts are written by unknown authors, but a few were the works of royal doctors, traders, religious scholars and state administrators (Table 12.1). *Ṭayyib al-Iḥsān*, for example, is an original work by Sheikh Ahmad al-Fatani who was a certified healer as well as a distinguished religious scholar whose advice was sought after by many Malay rulers (Mohd Shafri, 2015). *Ar-Raḥmah fī at-Ṭibb* on the other hand was the product of Sheikh Abbas Kuta Karang of Aceh, who was a jurist, tariqah murshid and minister in the

Sultanate of Aceh and a war commander during the Aceh-Dutch war (Mohd Shafri & Hermansyah, 2017). *Rumah Ubat di Pulau Penyengat* on the other hand was written by Raja Ahmad Tabib who was the royal healer to the Sultanate of Riau and owner of a pharmacy called Rumah Ubat (Mohd Shafri and Shahdan, 2018).

Hundreds of these manuscripts are kept in museums and private collections around the world. The largest collections are at the Malay Manuscript Centre of Perpustakaan Negara Malaysia and the JAKIM Collection at the Islamic Arts Museum Malaysia in Kuala Lumpur, Malaysia (Harun, 2015). Previous studies on Malay medical manuscripts were conducted by social scientists who studied them from the perspective of the social sciences i.e. civilisational, social, linguistic and religious phenomena. Malay scientists are yet to carry out research on them despite the medical and scientific nature of the contents, as there are misplaced challenges and mis-conceptions of what is known as Malay traditional medicine.

Table 12.1: List of transliterated and/or annotated research works on Malay medical manuscripts (up to 2019).

	Title	Original author	Transliterator	Publisher, place and date of publication
1.	<i>Warisan Perubatan Melayu</i>	Muhammad Şāleh ibn Ahmad Penambang	A Şamad Ahmad	DBP, KL (1982)
2.	<i>Asal Ilmu Tibb Melayu</i>	Raja Daud Raja Ahmad	Ellya Rosa	Museum Sang Nila Utama, Riau (2010)
3.	<i>Ar-Rahmah fi at-Tibb</i>	'Abbās Kuta Karang	TA Sakti Mohd Affendi Mohd Shafri	Boebon Jaya, Banda Aceh (2014) Akademi Jawi, KL (2017)
4.	<i>MSS2515</i>	Ibrāhīm bin Muhammad Fabian	Hārūn Mat Piah	Penerbit UKM, Bangi (2014)
5.	<i>Ṭayyib al-Iḥsān</i>	Aḥmad al-Faṭānī	Mohd Affendi Mohd Shafri	Khazanah Fathaniyah & Klasika Media, KL (2015)
6.	<i>MSS2999</i>	Unknown	'Abdul Ghani Hussain	Institut Penyelidikan Perhutanan Malaysia, KL (2015)
7.	<i>Rumah Ubat</i>	Aḥmad Ṭabib	Mohd Affendi Mohd Shafri	Akademi Jawi, KL (2018)
8.	<i>Sari Segala Ubat</i>	Tama, the Royal Doctor to the Sultan of Pontianak	Mohd Affendi Mohd Shafri	Akademi Jawi, KL (2019)
9.	<i>MSS1292</i>	Unknown	Harun Mat Piah and Nik Musa'adah	Institut Penyelidikan Perhutanan Malaysia, (2019)

Contributors

[The following text is extremely faint and illegible due to low contrast and image quality. It appears to be a list of names and affiliations, typical of a contributor list in an academic journal. The text is organized into several columns and rows, but the individual names and institutions cannot be transcribed accurately.]

'ATIAH ABDULLAH SIDEK, B. Eng, M.Sc., Ph.D., is Assistant Professor in the Department of Manufacturing and Materials, Kulliyyah of Engineering, IIUM. She holds the post of Deputy Director, Centre for Professional Development, IIUM. She is the secretary of the IIUM River of Life flagship programme and a member in Friends of Klang River Basin. She is also a member of Malaysian Higher Education Teaching and Learning Council (MAGNETIC) under the Ministry of Education Malaysia. Her research interests are in the general areas of green technology and industry, environmental sustainability, operation research and management as well as engineering education.

ABDELAZIZ BERGHOUT, B.A., MIRKH, Ph.D., is Professor of Islamic Civilization and Studies and former Deputy Rector (Internationalization, Industrial and Community Relations), IIUM. He has served in many administrative positions and is the recipient of Ajman Award for Quality and Excellence from the Ruler of Ajman, 2011. He has published 10 books and more than 60 articles in English and Arabic.

ABDUL RASHID MOTEN, B.A. (Hons.), M.A., Ph.D., served as Senior Professor in Political Science at the International Islamic University Malaysia. Currently, he is Guest Writer at IIUM, and has published many books and monographs and contributed more than 100 articles to peer-reviewed journals.

AZLIN SUHAIDA AZMI, B.Sc., M.Sc., Ph.D., is Associate Professor in the Department of Biotechnology Engineering, Kulliyyah of Engineering, IIUM. She is the Chairman of Plastic Waste Management, IIUM Go Green Committee. She has over fifty publications in the form of books, articles, conference papers and book chapters.

AZURA AMID, B.Sc.Ed., M.Sc., Ph.D., is Associate Professor, International Institute for Halal Research and Training (INHART), IIUM. She started research in Halal area since 2006. She wrote a few books on issues related to Biotechnology and Halal Sciences. She has also developed plant and microbial-based ingredients to replace non-halal ingredients for food

industries. She leads the “Feeding Tomorrow” project to ensure that the communities outside the campus know and consume halal food for a healthier lifestyle.

HARUNA BABATUNDE JAIYEoba, B.Sc., M.Sc., Ph.D., is Assistant Professor at the International Institute for Halal Research and Training (INHART), IIUM. His areas of expertise are halal business and investment opportunities, Islamic banking and Finance and relevant others. He is an active researcher with several indexed publications to his credit.

HAZLINA MAZLAN, Bachelor (Hons.), is a Quantity Surveyor at the Development Division, IIUM. She is currently the Head of Project Management Unit and is responsible for the physical project implementation as well as administration and management of contracts. Her experience involves project management, Design and Build and Private Finance Initiative projects implementation, Malaysia Plan development budget application and ISO Quality Management System internal auditing. She is also involved in the Development Division’s green initiative projects designed for achieving campus sustainability.

HOMAM ALTABAA, B.A., M.A., Ph.D., is Assistant Professor, Department of Fundamental and Inter-Disciplinary Studies, Kulliyah of Islamic Revealed Knowledge and Human Sciences and Associate Editor of *Journal of Islam in Asia*.

MA’AN AL KHATIB, Ph.D., CEng MICHemE (UK) is Associate Professor, Department of Biotechnology Engineering, IIUM. He is the founder and chair of Friends of Pusu River and cofounder and Assistant Secretary of the NGO, Friends of Klang River Basin. He served as Coordinator for the Nanoscience and Nanotechnology Research Group (NANORG) in 2007-2015. His research focus is in areas leading to sustainable environment. He is also member of editorial boards of few peer reviewed journals, and also a member in several professional engineering bodies.

MOHAMMAD AIZAT JAMALUDIN, BSh., MSh., Ph.D., is Assistant Professor and former Head of International Halal Audit and Certification for International Institute for Halal Research and Training (INHART), IIUM. He specialises in Halal Audit and Certification, Ecosystem Industry, Shari’ah Compliance Services in Hospital and other organisations, Halal Training and Halal Module Development. He has presented several papers in conferences on halal related matters.

MOHD AFFENDI MOHD SHAFRI, B.Sc., M.Sc., Ph.D., is Assistant Professor in Biomedical Science Department at the Kulliyah of Allied Health Sciences, IIUM. He has developed a research unit focusing on biofilm infection called Biofilm Interest Group (BIG). His research interest is on biofilm infection as the core theme, with pharmaceuticals and regenerative medicine as supporting domains. He is heading a research unit on Malay medicine and has published many books on Malay medical manuscripts and has contributed many articles in journals and encyclopaedias.

M. KAMAL HASSAN, M.A., M.Phil., Ph.D., is Professor Emeritus and Honorary Advisor, CENTRIS, IIUM. He was the founding Dean of the Faculty of Islamic Revealed Knowledge and Human Sciences, and the Deputy Rector for Academic Affairs in IIUM. He was awarded the title Tan Sri for his manifold contributions. He served as the third Rector of IIUM (1998-2006). In 2011, he was elevated to the position of Distinguished Professor by the Ministry of Higher Education, Malaysia. He has written books and contributed many articles to academic journals.

MUHAIDEEN ABDUL KADER MOHAMAD IQBAL, B.Hsc., is currently Administrative Officer, Sejahtera Centre for Sustainability and Humanity. He has been serving as Administrative Officer in the International Islamic University Malaysia for 10 years and was previously attached to Centre for Islamisation and Management Services Division. He is currently pursuing his Master in Education at the same university.

NAZARIAH SHAR'IE JANON, B.Hsc., M.Hsc., Ph.D., is Assistant Professor, Department of Psychology, Kulliyah of Islamic Revealed Knowledge and Human Sciences, IIUM. She teaches Developmental Psychology, Child Psychology and Adolescent Psychology, and secured several grants as principal investigator and co-investigator. She has contributed many articles in peer-reviewed journals.

NORZALIFA ZAINAL ABIDIN, B.A., M.Sc., Ph.D., is Assistant Professor at the Kulliyah of Architecture and Environmental Design, IIUM. She teaches interior design and her recent architectural and interior design work is the Masjid Ara Damansara in Ara Damansara District, Selangor. She is also involved in community engagement works in helping the *Orang Asli* in Gombak, Selangor. She was the Assistant Secretary of Insaf Malaysia (an NGO) helping the needy. She has published books and book chapters.

NUR JANNAH HASSAN, B.Sc., M.Ed., Ph.D., is Assistant Professor, Department of Fundamental and Inter-Disciplinary Studies, Kulliyah of Islamic Revealed Knowledge and Human Sciences, IIUM. She is a seasoned educator, with more than two decades of teaching experience. She has also been involved in planning and administrating educational endeavours.

NUR MASTURAH MOHAMAD ARIF, B.Sc., M.Ed., is Counsellor in the International Islamic University Malaysia and is in-charge of Residential Counselling Unit under the purview of Counselling and Career Services Centre, IIUM, and entrusted to establish therapeutic ecosystem at residential level to support students' holistic development and foster mental well-being. She is also responsible for handling crisis cases that involve psychological first aid and provide guidance to third party on how to handle crisis at the kulliyah or residential level.

NURUL JANNAH ZAINAN NAZRI, B.A., M.IRKH., Ph.D., is Assistant Professor in the Department of Qur'ān and Sunnah Studies and the head of Islamisation at the Centre for Islamisation at the International Islamic University Malaysia (IIUM). Her research interests are mainly in Hadith Text Criticism, Contemporary Issues in Sunnah, Gender Studies and Sociology. She has been actively involved in organising many international conferences around the world and contributed articles to many books and refereed journals.

RAUDLOTUL FIRDAUS FATAH YASIN, B.A., M.IRKH., Ph.D., is Assistant Professor in the Department of Qur'ān and Sunnah Studies, Kulliyah of Islamic Revealed Knowledge and Human Sciences, IIUM, and is the Deputy Director of Sultan Haji Ahmad Shah Mosque, IIUM. She has over fifty publications – books, articles, conference papers and book chapters – to her credit.

ROHAIZA ROKIS, B.Hsc., M.Sc., Ph.D., is currently Associate Professor at the Department of Sociology and Anthropology, the International Islamic University Malaysia. She specialises in sociology of work, particularly in women employment, gender studies and social enterprises. She also had a research attachment at the Yuan Ze University, Taiwan. She has published many books and contributed scholarly articles in reputed journals.

RUSTAM KHAIRI ZAHARI, B.Sc., M.Sc., Ph.D., is Assistant Professor of Urban and Regional Planning at the Kulliyah of Architecture and Environmental Design, the International Islamic University Malaysia (IIUM).

He is currently the Director of the Development Division and is responsible for the planning and implementation of IIUM's various physical projects. He is involved in various research and publication undertakings in the areas of urban planning curriculum, sustainable community/housing and green building technology, township development, special area plans, and vulnerable communities.

WAN MAZWATI WAN YUSOFF, B.B.A., M.B.A., Ph.D., is Assistant Professor, Department of Fundamental Knowledge and Inter-disciplinary Studies, Kulliyah of Islamic Revealed Knowledge and Human Sciences, IIUM. She teaches creative thinking and Islamic worldview, and is a certified trainer for Philosophy for Children Program (P4C). Currently Wan Mazwati is active in conducting research in hadith for application in education, psychology and communication and in developing materials for teaching Islamic Education using the philosophical inquiry method.

WAN ZAHIDAH WAN ZULKIFLE, Bachelor of Dental Surgery, M.Hsc., is a research officer at Sejahtera Centre for Sustainability and Humanity, the International Islamic University Malaysia. She holds a medical degree from Universiti Sains Islam Malaysia and previously practicing at Hospital Kuala Lumpur. She founded the Kintsukuroi Doctors' Support Group in Hospital Kuala Lumpur, focusing on workplace and psychological wellbeing. The group was later officially established and replicated at various hospitals in Malaysia. Her current research interest is in Organizational Change, Education for sustainable development and behavioral change towards sustainable development.

ZAINAL ABIDIN SANUSI, B.Hsc., M.A., Ph.D., is Associate Professor, Department of Political Science, Kulliyah of Islamic Revealed Knowledge and Human Sciences, IIUM and the Director, Sejahtera Centre for Sustainability and Humanity, IIUM. He served as Minister Council (Education) at Malaysian High Commission, London. He has participated in many international workshops and conferences on the subject as both speaker and invited participant and discussant. His current research interests are in Sustainability Science, Education for Sustainable Development and Public Policy Analysis.

Spirituality and Sustainability

EXPERIENCES OF

THE INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

The International Islamic University Malaysia has, since 2018, redoubled its struggle to restore its wisdom, strengths, and dignity and promote comprehensive excellence. Hence, the University adopted the United Nations' sustainable development agenda as a complement to the University's vision and mission of Islamisation, Integration, Internationalisation and Comprehensive Excellence.

The book explains the ways in which the SDGs will provide a new strategy to apply the concept of Islamisation, which has long been the foundation of the IIUM. Consequently, the university's operations and facilities have been adjusted so that they become mediums in applying and showcasing a lifestyle that is sustainable. Everything in the university i.e. the curricular and extra-curricular courses, the research activities, and everyday operations in administrative offices and other places are geared towards sustainable development in line with the maqāṣid al-sharī'ah. Elements of sustainability are integrated in every aspect of the university's administration and, indeed, in teaching, research and community engagement. Consequently, the IIUM has adopted "Humanising Higher Education through maqāṣid al-sharī'ah and SDGs" as its official strategic mission.

ABDUL RASHID MOTEN served as Senior Professor in Political Science at the International Islamic University Malaysia. Currently, he is Guest Writer at IIUM, and has published 24 books and monographs and contributed more than 200 articles to peer-reviewed journals and encyclopedias.

ISBN: 978-967-491-048-8



0 780674 010488

IIUM Press

-  (603) 6421 5014 / 5018
-  (603) 6421 6298
-  iiumbookshop@iium.edu.my
-  iiumbookshop.com
-  www.facebook.com/iiumpress
-  www.instagram.com/iium_press



IIUM
Press



KUALA LUMPUR
World Book Capital 2020