Table of Content

Pref	ace	I	
Fore	Foreword		
Edit	Editors and Contributors		
Intr	oduction	1	
Par	t A: Aspects of Theory		
_	The Masjid - Formative Principles : Perspectives from a Lifetime in	9	
1	in Architecture		
	Hajeedar Abdul Majid		
1.1	Form and Meaning		
1.2	The "Spatial and "Temporal"		
1.3	Functions		
1.4	Layout		
1.5	Form		
1.6	Space		
1.7	Surau Presint 8		
	1.7.1 Orientation		
	1.7.2 Columns and Rhythm		
1.8	Epilogue		

7	The Masjid in Modernity - Form, Space and Syntax	23
_	Shireen JahnKassim, Norwina Mohd Nawawi and Sufian Hamat	
2.1	Introduction	
2.2	'Spiritual' Form	
2.3	The Prayer Space	
2.4	A Third Axis	
	2.4.1 Departure From Basic Form	
	2.4.2 Articulation	
	2.4.3 Engaging Tradition in Form	
	2.4.4 Regional Form	
2.5	Form and differentiation	
	Masjid in Madinah Spahic Omer	
3.1	Introduction	
3.2	The Prophet's Masjid	
3.3	Function-Form Relationship	
3.4	Elements of the Prophet's Masjid	
3.5	The Environment	
3.6	Cleanliness	
3.7	Comprehensiveness	
3.8	Justice and Social Interactions	
3.9	"La dararwa-la-dirar"	
3.10	Indigenous Versus Foreign Influences	
3.11	Reliving the Sunnah	

Λ.	Recasting Modernism in Masjid Architecture: The Case of the				
T	'Steel Masjid'				
	Shireen Jahn Kassim and Nik Ahmad Arshad Nik Mohamed,				
4.1	Introduction				
	4.1.1 A Background of Modernism in the Early 20th Century				
4.2	The Steel Masjid and it's Language				
4.3	Genesis				
4.4	The Expression of Structure				
4.5	A climatic Ethos				
4.6	Between humility and Transparency				
4.7	Rationalism and Proportions				
4.8	A Structural Rationalism				
4.9	A Fusion of the Old and the New				
4.10	Re-interpreting the Dome				
4.11	Water, the "Pure" Zone and Purification				
4.12	Moving Forward				
5 w	omen and Space in Masjid Architecture: Patterns, Principles & Perspectives	77			
	Norwina Mohd Nawawi, Zaiton Abdul Rahim and Noor Hanita Abdul Majid,				
5.1	Introduction				
5.2	Women and the Masjid in Islam				
	5.2.1 Women and the Masjids – The Case of Malaysia				
	5.2.2 Women and Space Requirement				
5.3	Space Provision for Women in Masjids in Malaysia				
5.4	Towards The Future				

Masjid Design: Sources from Revelation and Traditions

6

Norwina Mohd Nawawi and Nik Amirul Faiz Nik Md. Yusof

6.1 Introduction

6.2 Defination and concept of Masjid

- 6.2.1 Masjid as Attributed to Al-Haram And Al-Aqsa
- 6.2.2 Masjid in the Singular Form
- 6.2.3 Masjid in the plural form: Masjid
- 6.2.4 The Sacred Masjid (AI-Haram)
- 6.2.5 The Universal Masjid
- 6.2.6 The Memorial Masjid
- 6.2.7 The Masjid without a Building

6.3 Masjid as Community Centre

- 6.3.1 Masjid as Prostration Centre: The Core
- 6.3.2 Masjid as Administrative Centre
- 6.3.3 Masjid as Social Interaction and Recreation
- 6.3.4 Masjid as Educational Centre
- 6.3.5 Masjid as Welfare and Health Centre
- 6.3.6 Masjid as Judicial Centre
- 6.3.7 Masjid as a Comercial Centre
- 6.3.8 Masjid as a Military and Command Centre

6.4 Masjid's Physical Concept

6.5 Hierarchy of Masjids

- 6.5.1 Major City Masjid (Jami')
- 6.5.2 Khutba Masjid (Jami')
- 6.5.3 Local Masjid (Masjid)

6.6 Conclusion

	The Masjid as a Community Development Center:	115
7	Fundamentals in an Era of Change Mohamad Tajuddin Mohamad Rasdi	
7.1	1 Introduction	
7.2	2 Crisis Concerning the Masjid	
7.3	The Spirit of Masjid Architecture from the Hadith The Meaning of Worship	
7.5	5 Solat or Prayer and its Implications	
7.6	6 An Overview of Masjid Architecture in Malaysia	
7.7	7 Lessons from Wright's Organic Architecture	
7.8	8 Principle& Spirit	
	Principles of Islamic Expression in Interior Design :	127
8	The case of Masjid Architecture	
	Norzalifa Zainal Abidin and Mizan Hitam	
8.1	1 Introduction	
00		
8.2	2 'Masjid' in the Muslim World	
8.2 8.3	•	
	3 Function: The Basis of Decoration	
8.3	Function: The Basis of Decoration Masjid Interior: Its Principles	
8.3 8.4	Function: The Basis of Decoration Masjid Interior: Its Principles Beauty and Transcendence	
8.3 8.4 8.5	Function: The Basis of Decoration Masjid Interior: Its Principles Beauty and Transcendence The Concept of Beauty	

	Islamic Architecture in Non-Islamic Lands :	143
	9 The Historical Narrative of the Adelaide Masjid	
	Md. Mizanur Rashid	
9.1	Introduction	
<i>7</i> .1	9.1.1 The Historical Question	
9.2	The Hybrid Community and Its Architecture	
9.3	Different Priorities of Architectural Historiography	
9.4	Materializing Shared Values	
9.5	Concluding Remarks	
7.0		
Part	B: Aspects of Design	
	•	
		1.0
	Masjid Zahir: A Heritage Masjid as a Traditional Landmark in a city	163
1(
T	Mansor Ibrahim and Fadzidah Abdullah	
	Historical masjids as an Icon	
	10.1.1 Masjid as an Icon	
	10.1.2 An Iconic Masjid: Hagia Sophia, Turkey	
10.2	The Case of Masjid Zahir	
	10.2.1 Heritage and Historical Building Morphology	
	10.2.2 The Architectural Style and Influence of Masjid Zahir	
10.3	The Iconic Features of Masjid Zahir	
	10.3.1 Spatial Organization: Space Identity and Sense of Place	
	10.3.2 Building Details and Materials	
10.4	Islamic Art and Architectural Features	
10.5	On Public Perception	
	Conclusion	

The Heritage of Hohhot: A Journey through a Community

11_{Masjid in China}

Ali Raza Soomro and Aida Kesuma Azmin

11.1 Introduction

11.2 History

11.2.1 The Development

11.3 Functions

- 11.3.1 Space for Prayer
- 113.2 Masjid as an Education Center
- 11.3.3 Weddings and Community
- 11.3.4 Religious Festivals
- 7.3.5 Funerals
- 7.3.6 Maintenance and Income

11.4 Architectural Design

7.4.1 Layout

11.5 The Main Prayer Hall

- 7.5.1 The Portico
- 7.5.2 The Rear Mihrab

11.6 The Moon Watching Tower

11.7 Layout

- 7.7.1 The Gateways
- 7.7.2 The Extended Prayer Hall
- 7.7.3 Contributor's Area
- 7.7.4 Imam's Room and the Teachers` Hall
- 7.7.5 Male Hostel, Dining Hall and Classrooms

11.8 Conclusion

	Reminiscing Traditional Masjid Architecture in a	199
12	Contemporary World: The Making of Masjid Al-Falah Norwina Mohd Nawawi, Abdul Razak Sapian, Yahaya Yunus, Maisarah Ali and Mansor Ibrahim	
12.1	Introduction	
12.2	Aims and Mission	
12.3	The Community Efforts	
12.4	The Community Process	
12.5	The 'How'	
12.6	Learnt	
13	The Practices Maintenance Management of Masjids: Principles and Md Najib Ibrahim and Anis Azura	208
13.1	Introduction	
13.2	Maintenance Programs and Schedules	
	11.2.1 Scope of Maintenance Works	
	11.2.2 Inventories and Assessment of Building Components	
	11.2.3 Financing for Maintenance	
13.3	Significant of Management	
	Significant of Management	

	Daylighting in the Pyramidal Masjid:	215
14	Linking Tradition, Climate and Perception	
	Shireen JahnKassim, Norzalifa Zainal Abidin and Nurul Syala Abdul Latip	
14.1	Introduction	
14.2	Local Masjid Typologies	
14.3	Old Masjids in Malacca	
14.4	Masjid Interiors	
14.5	The Daylight Environment	
14.6	Description of the Masjid	
14.7	Interior Lighting Analysis	
14.8	Field of Interior Daylight	
14.9	Administering the User Survey	
14.10	A- Subjective Assessment of Interior Lighting	
14.11	Patterns	
14.12	Daylight Design - Form & Climate	
	On Vernacular Forms: Tradition and the Masjid in Malaysia	229
15 ;	and South East Asia	
	Norwina M.Nawawi and Norhanita Abdul Majid	
15.1	Introduction	
15.2	Significance	
15.3	The Masjid	
15.4	The Coming of Islam	
15.5	Conclusion	

	Passive Design of Two Modern Masjids in Malaysia	237		
16	Maisarah Ali and Tengku Anis Qahirah			
16.1	Introduction			
16.2	Design Concept			
16.3	Passive Design Strategies Implemented			
	16.3.1 Site Planning and Building Orientation			
	16.3.2 Day Lighting			
	16.3.3 Internal Ceiling, Partition and Floor Surfaces Properties			
	16.3.4 Optical, Solar and Thermal Properties of Windows			
	16.3.5 External and Internal Shading Devices			
	16.3.6 Daylighting Distribution			
	16.3.7 Facade Design			
	16.3.8 Natural Ventilation			
	16.3.9 Strategic Landscaping			
16.4	Trends in Energy Consumption			
16.5	Conclusion			
Bibli	Bibliography 2			

268

Index