# Table of Content

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preface</td>
<td>1</td>
</tr>
<tr>
<td>Foreword</td>
<td>XI</td>
</tr>
<tr>
<td>Editors and Contributors</td>
<td>XVIII</td>
</tr>
<tr>
<td>Introduction</td>
<td>1</td>
</tr>
</tbody>
</table>

## Part A: Aspects of Theory

### The Masjid - Formative Principles: Perspectives from a Lifetime in Architecture

*Hajeedar Abdul Majid*

1. Form and Meaning
2. The “Spatial and “Temporal”
3. Functions
4. Layout
5. Form
6. Space
7. Surau Presint 8
   1.7.1 Orientation
   1.7.2 Columns and Rhythm
8. Epilogue
2 The Masjid in Modernity – Form, Space and Syntax

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

3 The ‘Sunnah in Stone’ : Reminiscing the Prophet’s 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
4 Recasting Modernism in Masjid Architecture: The Case of the ‘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 Women and Space in Masjid Architecture: Patterns, Principles & Perspectives  
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
6

Masjid Design: Sources from Revelation and Traditions

Norwina Mohd Nawawi and Nik Amirul Faiz Nik Md. Yusof

6.1 Introduction

6.2 Definition 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 (Al-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 Commercial 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: Fundamentals in an Era of Change
Mohamad Tajuddin Mohamad Rasdi

7.1 Introduction
7.2 Crisis Concerning the Masjid
7.3 The Spirit of Masjid Architecture from the Hadith The Meaning of Worship
7.5 Solat or Prayer and its Implications
7.6 An Overview of Masjid Architecture in Malaysia
7.7 Lessons from Wright’s Organic Architecture
7.8 Principle & Spirit

Principles of Islamic Expression in Interior Design:
The case of Masjid Architecture
Norzalifa Zainal Abidin and Mizan Hitam

8.1 Introduction
8.2 ‘Masjid’ in the Muslim World
8.3 Function: The Basis of Decoration
8.4 Masjid Interior: Its Principles
8.5 Beauty and Transcendence
8.6 The Concept of Beauty
8.7 Decoration in Islamic Arts and Ornamentations
8.8 Spirituality & Design
Islamic Architecture in Non-Islamic Lands: The Historical Narrative of the Adelaide Masjid
Md. Mizanur Rashid

9.1 Introduction
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

Part B: Aspects of Design

Masjid Zahir: A Heritage Masjid as a Traditional Landmark in a city
Mansor Ibrahim and Fadzidah Abdullah

10.1 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
10.6 Conclusion
11.1 Introduction

11.2 History
   11.2.1 The Development

11.3 Functions
   11.3.1 Space for Prayer
   11.3.2 Masjid as an Education Center
   11.3.3 Weddings and Community
   11.3.4 Religious Festivals
   11.3.5 Funerals
   11.3.6 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 Contemporary World: The Making of Masjid Al-Falah
Norwina Mohd Nawawi, Abdul Razak Sapian, Yahaya Yunus, Maisarah Ali and Mansor Ibrahim

12 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 Maintenance Management of Masjids: Principles and Practices
Md Najib Ibrahim and Anis Azura

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
Daylighting in the Pyramidal Masjid: 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 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

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

Bibliography

Index