

# DR. AZHANI BINTI ABD. MANAF

PENSYARAH UNIVERSITI DS13

## CONTACT


**PHONE**

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**E-MAIL**

azhani@usim.edu.my

**FACULTY**

Fakulti Kejuruteraan Dan Alam Bina


## SUPERVISION

| | COMPLETED | ONGOING |
|---|---|---|
| **PhD** | 0 | 1 |
| **Master** | 0 | 2 |

## AREAS OF EXPERTISE

- **Architectural Influences (including Vernacular Architecture, Islamic Architecture And Malaysian Architecture)**
- **Psychology And Behaviour In Architecture (including Ageing Culture And Housing, Child-friendly Architecture, Architecture Rituals, , Architecture And Social Interaction, Architecture And Social Interaction, Psychology In Architecture, Architecture And Wel**
- **Architectural Education And Extension (including Architecture Education, Architecture Pedagogy, Design Studio Pedagogy, Making, Crafting, And Learning)**

## ACADEMIC QUALIFICATION

**2019** **PhD** - Housing From Islamic Perspective, Privacy And Behaviour, Mal

**2010** **Master** - Senibina

**2008** **Bachelor** - Architecture Design

## RESEARCH

**1. ENHANCING SPATIAL QUALITY AND LAYOUT DESIGN OF LOW-COST VERTICAL HOUSING IN MALAYSIA BASED ON SHARIAH COMPLIANCY AND ISLAMIC BUILDING PRINCIPLES**

2021 | GERAN PENYELIDIKAN USIM | COMPLETED | MAIN RESEARCHER

## PUBLICATION

**1. CHALLENGES IN ADAPTING VERNACULAR ARCHITECTURE TO THE CONTEMPORARY: A SYSTEMATIC LITERATURE REVIEW**

SEMARAK INTERNATIONAL JOURNAL OF DESIGN, BUILT ENVIRONMENT AND SUSTAINABILITY

2025 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

**2. DEFECTS AND DILAPIDATION OF BRITISH COLONIAL BUILDINGS IN NEGERI SEMBILAN, MALAYSIA**

MALAYSIAN JOURNAL OF SUSTAINABLE ENVIRONMENT (MYSE)

2025 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

**3. ANALYSIS ON SPATIAL QUALITY ISSUES ON B40 FAMILIES LIVING IN LOW QUALITY VERTICAL HOUSING IN MALAYSIA**

INTERNATIONAL ARCHITECTURE POSTGRADUATE CONFERENCE 2023

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

**4. VISUAL PRIVACY FACTORS INFLUENCING USAGE OF SPACES FOR URBAN HOUSING**

13TH ASIAN CONFERENCE ON ENVIRONMENT-BEHAVIOUR STUDIES

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

**5. KECERDASAN BUATAN (AI) DALAM PENDIDIKAN SENI BINA: REFLEKSI PELAJAR TERHADAP PROSES REKA BENTUK**

SMART TECHNOLOGY AND SUSTAINABILITY INTERNATIONAL CONFERENCE 2025 (STSIC 2025)

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

**6. INCREASING ALLEY COGNIZANCE TO IMPROVE COMMUNITY SAFETY IN KUALA LUMPUR: A CRITICAL STUDY OF REVITALISED URBAN ALLEY**

INTERNATIONAL CONFERENCE ON SCIENCE, BUILT ENVIRONMENT AND ENGINEERING

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

**7. GREEN WALL FACADE AND IOT-BASED SYSTEM FOR OPTIMAL INDOOR ENVIRONMENT OF SAKINAH IN LIVING**

025 INTERNATIONAL CONFERENCE ON SCIENCE, BUILT ENVIRONMENT AND ENGINEERING

2025 | PROCEEDING | OTHER DATABASE | MAIN AUTHOR

**8. EVALUATING SENSORY DESIGN ON AUTISTICS? LEARNING EXPERIENCES: A PILOT STUDY IN MALAYSIAN CAMPUSES**

INTERNATIONAL SEMINAR ON ISLAM AND SCIENCE (SAIS 2025)

2025 | PROCEEDING | OTHER DATABASE | MAIN AUTHOR

**9. ELEMEN PRIVASI DAN VISUAL DALAM REKABENTUK PERUMAHAN TERES DI MALAYSIA DARI PERSPEKTIF ISLAM**

SENIBINA DAN ALAMBINA, DIMENSI KEINSANAN DAN KEROHANIAN

2025 | CHAPTER IN BOOK | MAIN AUTHOR

**10. LAM POLICY AND PROCEDURES FOR ACCREDITATION OF ARCHITECTURAL PROGRAMME**

2025 | POLICY

## PUBLICATION

**11. INTEGRATION OF ISLAMIC BUILDING PRINCIPLES TO IMPROVE SPATIAL QUALITY OF LOW-COST VERTICAL HOUSING IN KUALA LUMPUR**

SAIS 2023

2023 | PROCEEDING | NON-INDEX | MAIN AUTHOR

**12. A PILOT STUDY OF PRIVACY HIERARCHY OF LEARNING SPACES FOR PROPOSED STUDENT CENTRE IN USIM**

EMPOWERING THE BUILT ENVIRONMENT - A MULTIDISCIPLINARY APPROACH

2023 | CHAPTER IN BOOK | MAIN AUTHOR

**13. "LEMBAGA ARKITEK MALAYSIA (LAM) POLICY AND PROCEDURES FOR ARCREDITATION OF ARCHITECTURE PROGRAMME" (PAAP)**

2023 | POLICY

**14. RESILLIENT LIVING BY OPTIMIZING THE BUILDING FA�ADE IN DESIGNING POST-COVID HOUSING**

PLANNING MALAYSIA JOURNAL

2022 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

**15. AN ANALYSIS OF VISUAL PRIVACY FROM ISLAMIC PERSPECTIVE OF MODERN TERRACE HOUSING DESIGN IN MALAYSIA**

SEMINAR ANTARABANGSA SAINS DAN ISLAM 2022

2022 | PROCEEDING | NON-INDEX | MAIN AUTHOR

**16. A PILOT STUDY ON THE INTEGRATION OF ISLAMIC BUILDING PRINCIPLES IN THE DESIGN OF STUDENT-CENTERED CAMPUS BUILDING**

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2021

2021 | PROCEEDING | NON-INDEX | MAIN AUTHOR

**17. THE USE OF SPACE SYNTAX ANALYSIS IN THE STUDY OF MUSLIM VISUAL PRIVACY (MVP) OF TERRACE HOUSING**

ADVANCES IN SUSTAINABLE LIVING

2021 | CHAPTER IN BOOK | MAIN AUTHOR

**18. A RELOOK AT VISUAL PRIVACY: DEFINITION AND FACTORS INFLUENCING MUSLIM VISUAL PRIVACY (MVP)**

PERTANIKA JOURNAL OF SOCIAL SCIENCES & HUMANITIES

2019 | JOURNAL | ISI, SCOPUS AND ERA | MAIN AUTHOR

**19. TOWARDS AN ISLAMIC APPLICATION OF VISUAL PRIVACY PRINCIPLES ON MALAYSIAN TERRACE HOUSING: A CONCEPTUAL FRAMEWORK**

PLANNING MALAYSIA

2018 | JOURNAL | SCOPUS | MAIN AUTHOR

**20. REVOLUTIONIZING MALAYSIAN TERRACE HOUSING DESIGN BY ADOPTING ISLAMIC VISUAL PRIVACY PRINCIPLES: A PILOT STUDY ON MALAY OCCUPANTS**

HOUSE AND HOME 17 - INTERNATIONAL INTERDISCIPLINARY ARCHITECTURE AND URBAN STUDIES CONFERENCE

2017 | PROCEEDING | NON-INDEX | MAIN AUTHOR

## PUBLICATION

**21. AN ANALYSIS ON MUSLIM VISUAL PRIVACY (MVP) IN TERRACE HOUSING DESIGN IN MALAYSIA**

INTERNATIONAL JOINT CONFERENCE SENVAR-INTA-AVAN 2015: WISDOM OF THE TROPICS PAST, PRESENT & FUTURE

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## CONSULTATION

**1. PERKHIDMATAN KONSULTANSI MEMBANGUNKAN PROGRAM SARJANA MUDA SENIBINA DENGAN KEPUJIAN KOLEJ UNIVERSITI YAYASAN SABAH (UCSF)**

KOLEJ UNIVERSITI YAYASAN SABAH (UCSF)

2024 INTERNATIONAL

**2. Perkhidmatan Konsultansi Membangunkan Program Sarjana Muda Senibina Dengan Kepujian Kolej Universiti Yayasan Sabah (UCSF)**

Kolej Universiti Yayasan Sabah (UCSF)

National

## AWARDS/RECOGNITION

**1. JOURNAL PEER REVIEWER (PEWASIT ARTIKEL JURNAL)**

JOURNAL OF DESIGN AND BUILT ENVIRONMENT

2025 INTERNATIONAL

**2. CHALLENGES IN ADAPTING VERNACULAR ARCHITECTURE TO THE CONTEMPORARY: A SYSTEMATIC LITERATURE REVIEW**

Semarak International Research Innovation Symposium IV (SIRIS IV)

2025 ANTARABANGSA SILVER

**3. MODSOLARIS: MODULAR SOLAR ECO OASIS ABODE FOR CLIMATE RESILIENT COMMUNITIES**

International Innovation and Invention Competition Through Exhibition 2025 (iCompEx 2025)

2025 ANTARABANGSA GOLD

**4. MODSOLARIS: MODULAR SOLAR ECO OASIS ABODE FOR CLIMATE RESILIENT COMMUNITIES (BEST INNOVATION)**

International Innovation and Invention Competition Through Exhibition 2025 (iCompEx 2025)

2025 ANTARABANGSA

**5. MODSOLARIS: MODULAR SOLAR ECO OASIS ABODE FOR CLIMATE RESILIENT COMMUNITIES**

International Innovation and Invention Competition Through Exhibition 2025 (iCompEx 2025)

2025 ANTARABANGSA PLATINUM