

PROF. MADYA AR. IDR. DR. WAN NORISMA WAN ISMAIL

PENSYARAH UNIVERSITI DS14

CONTACT

PHONE

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FACULTY

Fakulti Kejuruteraan Dan Alam Bina

SUPERVISION

	COMPLETED	ONGOING
PhD	0	2
Master	0	1

AREAS OF EXPERTISE

Architectural Education And Extension (including Architecture Education, Architecture Pedagogy, Design Studio Pedagogy, Making, Crafting, And Learning)

Urbanism In Architecture (including Public Space, Placemaking, Space Syntax, Human Geography, Responsive Architecture, Urban Tourism, Urban Villages, Urban Housing, Media Architecture And Urban Management)

Sustainable And Green Architecture (including Building And Energy Performance, Green Building, Building Integration Of Renewable Energy Sources, Environmental Behaviour, Environmental Narrative, Social And Cultural Sustainability, Climate Change And Resil

ACADEMIC QUALIFICATION

2021 **PhD** - Seni Bina

2012 **Master** - Senibina

2000 **Bachelor** - Senibina

1996 **Diploma** - Senibina

RESEARCH

1. USIM-UMS ECO-NAQLI HOME

2023 | GERAN SEPADAN AGENSI KERAJAAN | ON GOING | MAIN RESEARCHER

2. PRINCIPLES OF ISLAMIC DWELLING IN MALAYSIA-A COMPILATION OF DATA

2015 | GERAN PENYELIDIKAN JANGKA PENDEK | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. OPTIMIZATION OF SOLAR DECATHLON DESIGN FOR RURAL COMMUNITY: CASE STUDY IN LOMPIOS VILLAGE, KOTA BELUD, SABAH

JOURNAL OF ADVANCED RESEARCH IN FLUID MECHANICS AND THERMAL SCIENCES

2025 | JOURNAL | SCOPUS | MAIN AUTHOR

2. 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

3. STREET CHARACTER AND URBAN IDENTITY: DEFINING PHYSICAL DESIGN PARAMETERS OF BUILDING APPEARANCE IN THE HISTORIC URBAN FABRIC OF KUALA KANGSAR PERAK MALAYSIA

INTERNATIONAL CONFERENCE OF SCIENCE, BUILT ENVIRONMENT AND ENGINEERING (ICOSBEE2025)

2025 | PROCEEDING | SCOPUS | MAIN AUTHOR

4. TRANSFORMASI PENYELIDIKAN PELAJAR: INTEGRASI KECERDASAN BUATAN (AI) DALAM KAJIAN TOPIKAL SENI BINA

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2025 (SAIS 2025)

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

5. 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

6. EDUCATIONAL ENGAGEMENT THROUGH AR AND VR: A REVIEW WITH APPLICATION TO SHARIAH-COMPLIANT SUSTAINABLE GARDEN CONCEPTS

THE INTERNATIONAL CONFERENCE ON QURAN AS THE FOUNDATION OF CIVILIZATION (SWATX 2025)

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

7. 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

8. PARAMETRIC OF DAYLIGHT PERFORMANCE THROUGH FACADE ENVELOPE RATIO OF HIGH-RISE OFFICE BUILDING IN TROPICAL

INTERNATIONAL CONFERENCE ON SCIENCE, BUILT ENVIRONMENT AND ENGINEERING

2025 | PROCEEDING | OTHER DATABASE | MAIN AUTHOR

9. CHAPTER 5 : KUALITI TARIKAN DAN HUBUNGKAITAN ANTARA PERBANDARAN DENGAN KARAKTERISTIK JALAN DI BANDAR DIRAJA KUALA KANGSAR PERAK

SENI BINA DAN ALAM BINA : DIMENSI KEINSANAN DAN KEROHANIAN

2025 | CHAPTER IN BOOK | MAIN AUTHOR

PUBLICATION

10. CHAPTER 6: DIMENSI KEBOLEHLIHATAN DAN SKALA MANUSIA TERHADAP KARAKTERISTIK JALAN DI BANDAR DIRAJA, KUALA KANGSAR PERAK

SENI BINA DAN ALAM BINA : DIMENSI KEINSANAN DAN KEROHANIAN

2025 CHAPTER IN BOOK MAIN AUTHOR

11. MEMOIR MIZAN HOME DUBAI SOLAR DECATHLON MIDDLE EAST 2018

2024 BOOK MAIN AUTHOR

12. CHAPTER 5: PASUKAN DREAMTEAM

MEMOIR MIZAN HOME DUBAI SOLAR DECATHLON MIDDLE EAST 2018

2024 CHAPTER IN BOOK MAIN AUTHOR

13. CHAPTER 4: KISAH REKABENTUK NAN SATU

MEMOIR MIZAN HOME DUBAI SOLAR DECATHLON MIDDLE EAST 2018

2024 CHAPTER IN BOOK MAIN AUTHOR

14. 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

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. STREETS OF ROYAL TOWN: EXPLORING THE PHYSICAL CHARACTER OF TRADITIONAL STREET IN THE MALAY ROYAL TOWN

THE JOURNAL OF SOCIAL SCIENCES RESEARCH

2018 JOURNAL OTHER DATABASE MAIN AUTHOR

17. CHAPTER 1 - CONCEPTUAL IDEAS

MIZANHOME: FROM IDEAS TO REALITY

2018 CHAPTER IN BOOK MAIN AUTHOR

18. CHAPTER 1 - CONCEPTUAL IDEAS

MIZANHOME: FROM IDEAS TO REALITY

2018 CHAPTER IN BOOK MAIN AUTHOR

19. THE ESTABLISHMENT OF ISLAMIC DWELLING PRINCIPLES FOR THE MALAYSIAN COMMUNITIES

INTERNATIONAL CONFERENCE ON ARCHITECTURE AND BUILT ENVIRONMENT

2016 JOURNAL SCOPUS MAIN AUTHOR

20. A CONCEPTUAL APPROACH IN SUSTAINABLE HOUSING IN MALAYSIA

THE INTERNATIONAL JOURNAL OF ENVIRONMENT, CULTURAL, ECONOMIC AND SOCIAL SUSTAINABILITY

2012 JOURNAL SCOPUS MAIN AUTHOR

PUBLICATION

21. ISSUE ON SUSTAINABLE HOUSING IN MALAYSIA : A CONCEPTUAL APPROACH

PROSIDING SINERGI PENATAAN RUANG DAN LINGKUNGAN DALAM MEWUJUDKAN KOTA HIJAU YANG BERKELANJUTAN

2010 PROCEEDING NON-INDEX MAIN AUTHOR

CONSULTATION

1. AHLI JAWATANKUASA PROJEK PEMBANGUNAN PROGRAM SARJANA MUDA SAINS SENIBINA DENGAN KEPUJIAN KOLEJ UNIVERSITI YAYASAN SABAH (KUYS)

USIM- KUYS

2024 UNIVERSITY

2. PROJECT BANTUAN BANJIR (PROJECT SHELTER) DAN PEJABAT PENYELIDIKAN LESTARI (SUSTAINABLE RESEARCH OFFICE), USIM

USIM

2016 UNIVERSITY

3. SOLAR DECATHLON MIDDLE EAST 2018 - CONSULTATION ON TECHNICAL, CONTRACTUAL AND PROFESSIONAL ADVISES.

WNA ARCHITECS

2016 INTERNATIONAL

4. PROJECT SHELTER : RUMAH BANTUAN UNTUK MANGSA BANJIR DI TUMPAT, KELANTAN

TESCO MALAYSIA (SDN BHD)

2015 NATIONAL

AWARDS/RECOGNITION

1. ANUGERAH PENGAJARAN 2025

2025 UNIVERSITY

2. EXTERNAL BOARD MEMBER (AHLI LEMBAGA LUAR)

LEMBAGA ARKITEK MALAYSIA (PANEL LAWATAN VERIFIKASI CITY UNIVERSITY MALAYSIA)

2025 NATIONAL

3. EXTERNAL BOARD MEMBER (AHLI LEMBAGA LUAR)

LEMBAGA ARKITEK MALAYSIA (PANEL LAWATAN AKREDITASI SARJANA SENIBINA UITM SERI ISKANDAR PERAK)

2025 NATIONAL

4. EXTERNAL BOARD MEMBER (AHLI LEMBAGA LUAR)

LEMBAGA ARKITEK MALAYSIA (PANEL PENILAI KELULUSAN MELAKSANAKAN PROGRAM BACHELOR OF ARTS, SUNWAY UNIVERSITY)

2025 NATIONAL

AWARDS/RECOGNITION

5. ACADEMIC ADVISOR

BOARD OF ARCHITECTS MALAYSIA

2025 NATIONAL