



## AR. FADLI BIN ARABI

PENSYARAH UNIVERSITI DS13

### CONTACT

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Kejuruteraan Dan Alam Bina

### SUPERVISION

PhD - Completed: 0, Ongoing: 3

Master - Completed: 1, Ongoing: 0

## AREAS OF EXPERTISE

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

Architectural Influences (including Vernacular Architecture, Islamic Architecture And Malaysian Architecture)

Democratic, Participatory Design And Activist Architecture

## BIOGRAPHY

A lecturer from Fakulti Kejuruteraan Dan Alam Bina. Holds a Master in Master Of Architecture.

## ACADEMIC QUALIFICATION

Master in Master Of Architecture (2019)

Bachelor in Senibina (1999)

## RESEARCH

### 1. RECYCLING @ U USIM

2017 COMPLETED MAIN RESEARCHER

### 2. MIZAN SOLAR HOME MODEL FOR SUSTAINABLE LIVELIHOOD

2017 COMPLETED MAIN RESEARCHER

### 3. DEVELOPING ENERGY EFFICIENCY OFFICE BUILDING IN UNIVERSITI SAINS ISLAM MALAYSIA THROUGH INTERGRATION OF ACTIVE STRATEGIES AND DAYLIGHTING

2015 COMPLETED MAIN RESEARCHER

# PUBLICATION

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1. ISLAMIC ENERGY GARDEN: A SHARIAH-BASED APPROACH TO ACHIEVE A ?GREEN AND BARAKAH CAMPUS?

2025 JOURNAL

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

2025 JOURNAL

3. CHAPTER 5 : BUILDING MATERIAL AND CONSTRUCTION AND DETAILS

2024 CHAPTER IN BOOK

4. HALATUJU PENDIDIKAN SENIBINA NEGARA 2030

2023 POLICY

5. RESILIENT LIVING BY OPTIMIZING THE BUILDING FA?ADE IN DESIGNING POST-COVID HOUSING

2022 JOURNAL

6. STUDENTS?DAYLIGHT CONDITION PERCEPTION IN TASMI CLASSROOM

2019 PROCEEDING

7. BEAUTY OF BALANCE: FROM THE PERSPECTIVE OF BUILT ENVIRONMENT

2019 BOOK

8. MIZANHOME FROM IDEAS TO REALITY

2018 BOOK

9. THE POTENTIAL OF ENERGY REFURBISHMENT THROUGH THE INTEGRATION OF DAYLIGHT HARVESTING FOR OFFICE BUILDINGS IN UNIVERSITI SAINS ISLAM MALAYSIA

2017 JOURNAL

10. THE FUTURE SURVIVAL FOR CONSERVING AND REGENERATING A VILLAGE TOWARDS A PEACEFUL AND SUSTAINABLE LIFE

2017 PROCEEDING

11. ACCEPTABLE ILLUMINANCE LEVEL ATTRIBUTES TO LEARNING SATISFACTION IN CLASSROOM

2017 PROCEEDING

12. PEMBANGUNAN IDENTITI PENGAJIAN PONDOK PEMACU KELESTARIAN KAMPUNG

2017 CHAPTER IN BOOK

13. THE POTENTIAL OF ENERGY REFURBISHMENT THROUGH THE INTERGRATION OF DAYLIGHT HAVERSTING FOR OFFICE BUILDINGS IN UNIVERSITI SAINS ISLAM MALAYSIA

2016 PROCEEDING

14. PROJECT SHELTER: A CONCEPT OF SHELTER KIT FOR POST DISASTER VICTIMS

2015 PROCEEDING

15. EFFECT OF NATURAL LIGHT GLARE ON PASSIVE DESIGN IN MALAYSIAN GOVERNMENT OFFICE BUILDING

2012 JOURNAL

# CONSULTATION/ADULATION

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## 1. PROJEK KABIN DI CAMARON HIGHLANDS DI ANTARA UNIVERSITI SAINS ISLAM MALAYSIA (USIM) DAN SYARIKAT SH AGRO HIGHLANDS SDN BHD

2022 OTHERS SYARIKAT SH AGRO HIGHLANDS SDN BHD

## 2. PERPUSTAKAAN KPI

2018 UNIVERSITY KOLEJ PERMATA INSAN

## 3. KING SALMAN CENTER FOR INTERNATIONAL PEACE

2017 INTERNATIONAL GOVERNMENT OF MALAYSIA

## 4. CADANGAN ARABIC CAFE

2017 UNIVERSITY USIM

## 5. RECYCLING CENTER AT USIM

2017 UNIVERSITY COCA-COLA

# AWARDS/RECOGNITION

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## 1. MODSOLARIS: MODULAR SOLAR ECO OASIS ABODE FOR CLIMATE RESILIENT COMMUNITIES

2025 Antarabangsa Gold

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

2025 Antarabangsa

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

2025 Antarabangsa Platinum

## 4. EDUGARDENXR: AN AR/VR-BASED ISLAMIC ENERGY GARDEN FOR SHARIAH-COMPLIANT SUSTAINABLE LEARNING

2025 Antarabangsa Gold

## 5. ECOFREEZE

2025 Antarabangsa Gold