



## DR. MADIAH BINTI MAT IDRIS

PENSYARAH UNIVERSITI DS13

### CONTACT

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Kejuruteraan Dan Alam Bina

### SUPERVISION

PhD - Completed: 0, Ongoing: 1

Master - Completed: 0, Ongoing: 1

## AREAS OF EXPERTISE

Other Architecture

Building Design

Therapeutic Garden

Green Technology/low Carbon Technology

Virtual Reality

Built Environment

## BIOGRAPHY

A lecturer from Fakulti Kejuruteraan Dan Alam Bina. Holds a Phd in Doctor Of Philosophy In Architecture.

## ACADEMIC QUALIFICATION

Phd in Doctor Of Philosophy In Architecture (2020)

Master in Master Of Architecture (2014)

Bachelor in Bachelor Of Science (architectural Studies) (2010)

Sijil Matrikulasi in Architecture And Environmental Design (2007)

## RESEARCH

1. FORMULATING A SHARIAH-COMPLIANT ISLAMIC ENERGY GARDEN (IEG) FRAMEWORK FOR SUSTAINABLE CAMPUS LIVING IN MALAYSIA

2024 ON GOING MAIN RESEARCHER

2. FORMULATING THE ISLAMIC ENERGY GARDEN (IEG) FRAMEWORK FOR SUSTAINABLE LIVING IN MALAYSIAN CAMPUSES BASED ON MAQASID SHARIAH.

2024 ON GOING MAIN RESEARCHER

# PUBLICATION

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1. THE ISLAMIC ENERGY GARDEN (IEG) FRAMEWORK FOR SUSTAINABLE LIVING IN MALAYSIAN UNIVERSITY CAMPUSES BASED ON MAQASID SHARIAH

2025 JOURNAL

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

2025 JOURNAL

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

2025 PROCEEDING

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

2025 PROCEEDING

5. EXPLORING IOT-BASED BIOFILTRATION GREEN PANELS (IBGP) FOR IMPROVING INDOOR AIR QUALITY (IAQ)

2024 PROCEEDING

6. ENHANCING SOCIAL INTEGRATION AND SPIRITUAL WELLNESS THROUGH ISLAMIC COURTYARD GARDEN (ICG)

2024 PROCEEDING

7. A CASE STUDY OF IOT-BASED BIOFILTRATION GREEN PANEL (IBGP) FOR IMPROVING INDOOR AIR QUALITY

2024 PROCEEDING

8. DRIVERS AND BARRIERS TO THE ADAPTIVE REUSE OF COLONIAL BUILDINGS IN KUALA LUMPUR

2024 PROCEEDING

9. POLISI HALATUJU PENDIDIKAN SENIBINA NEGARA 2030

2023 POLICY

10. FACTORS INFLUENCING THE VISIT TO THE COURTYARD GARDENS IN PUBLIC HOSPITALS IN MALAYSIA

2022 JOURNAL

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

2022 JOURNAL

12. THE ARCHITECTS AND LANDSCAPE ARCHITECTS?S VIEWS ON THE DESIGN AND PLANNING OF THE HOSPITAL COURTYARD GARDENS (HCG) IN MALAYSIA

2022 PROCEEDING

13. THE CHANGING ROLES AND FUNCTIONS OF COURTYARD HOSPITALS FROM THE MEDIEVAL TO CONTEMPORARY TIME

2022 CHAPTER IN BOOK

14. FACTORS AFFECTING THE VISITATION AND NON-VISITATION TO THE COURTYARD GARDENS: EVALUATION AT THREE MALAYSIAN PUBLIC HOSPITALS

2021 PROCEEDING

15. WHAT ARE USERS? PERCEPTIONS OF THE HOSPITAL COURTYARD GARDEN AND HOW SATISFIED ARE THEY WITH IT?

2019 JOURNAL

16. INVESTIGATING SPACE USE PATTERNS IN A MALAYSIAN HOSPITAL COURTYARD GARDEN: LESSONS FROM REAL-TIME OBSERVATION OF PATIENTS, STAFF AND VISITORS

2018 PROCEEDING

17. USERS' PERCEPTIONS, EXPERIENCES AND LEVEL OF SATISFACTION WITH THE QUALITY OF A COURTYARD GARDEN IN A MALAYSIAN PUBLIC HOSPITAL

2018 PROCEEDING

## CONSULTATION/ADULATION

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

2024 NATIONAL KOLEJ UNIVERSITI YAYASAN SABAH (UCSF)

2. Pelantikan sebagai Perunding Projek Perkhidmatan Konsultansi Bagi Membangunkan Progra, Sarjana Muda Sains SeniBina Dengan Kepujian Kolej Universiti Yayasan Sabah (KUYS) (University College Sabah Foundation (UCSF))

National Kolej Universiti Yayasan Sabah (KUYS)

## AWARDS/RECOGNITION

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1. BEST PAPER AWARD (TOP 9): 13TH AMER INTERNATIONAL CONFERENCE ON QUALITY OF LIFE (AICQOL2025PANGKOR)

2025 INTERNATIONAL

2. ANUGERAH MYTRAMS TERBAIK FKAB 2024 (STAF AKADEMIK) - 198 MATA CPD

2025 UNIVERSITY

3. ANUGERAH PENCAPAIAN LAPORAN NILAIAN PRESTASI (LNPT) TAHUN 2024 MELEBIHI 95% - (98%)

2025 UNIVERSITY

4. STAF CONTOH BULAN SEPT 2025 - FAKULTI KEJURUTERAAN DAN ALAM BINA

2025 UNIVERSITY

5. CONFERENCE PAPER REVIEWER

2025 INTERNATIONAL