Profile Image

# DR. MADIHAH BINTI MAT IDRIS

PENSYARAH UNIVERSITI DS13

## CONTACT

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Faculty: Fakulti 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** 

## **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 GERAN KPT ON GOING MAIN RESEARCHER

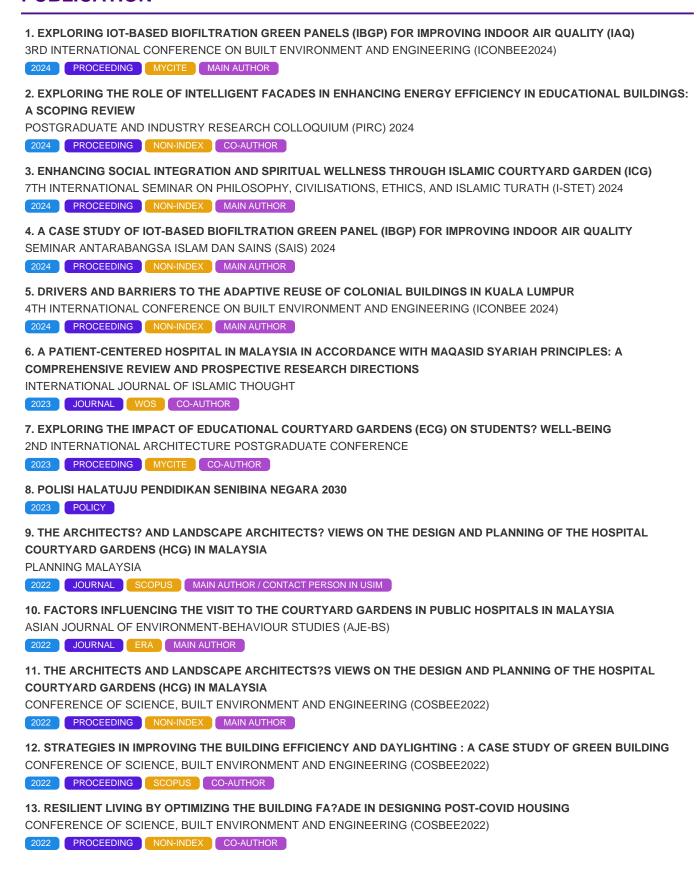
2. FORMULATING THE ISLAMIC ENERGY GARDEN (IEG) FRAMEWORK FOR SUSTAINABLE LIVING IN MALAYSIAN CAMPUSES BASED ON MAQASID SHARIAH.

2024 GERAN PENYELIDIKAN USIM ON GOING MAIN RESEARCHER

3. SOLAR GREEN FACADE AND IOT - BASED SYSTEM FOR INDOOR AIR QUALITY TOWARDS A SUSTAINABLE LIFE OF 'SAKINAH'

2021 GERAN PENYELIDIKAN FLAGSHIP ON GOING CO-RESEARCHER

## **PUBLICATION**



## **PUBLICATION**

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

EMPOWERING THE BUILT ENVIRONMENT-A MULTIDISCIPLINARY APPROACH

2022 CHAPTER IN BOOK MAIN AUTHOR

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

5TH ABRA INTERNATIONAL CONFERENCE ON QUALITY OF LIFE

2021 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 CO-AUTHOR

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

ASIAN JOURNAL OF ENVIRONMENT-BEHAVIOUR STUDIES (AJE-BS)

2019 JOURNAL ERA MAIN AUTHOR

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

8TH ASIA-PACIFIC INTERNATIONAL CONFERENCE ON ENVIRONMENT-BEHAVIOUR STUDIES

2018 PROCEEDING NON-INDEX MAIN AUTHOR

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

4TH ABRA INTERNATIONAL CONFERENCE ON QUALITY OF LIFE

2018 PROCEEDING NON-INDEX MAIN AUTHOR

20. SIGNATURE

2008 BOOK CO-EDITOR

## **CONSULTATION**

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

KOLEJ UNIVERSITI YAYASAN SABAH (UCSF)

2024 NATIONAL

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)) Kolej Universiti Yayasan Sabah (KUYS)



## AWARDS/RECOGNITION

1. ANUGERAH PENYELIDIKAN TERBAIK - SOLAR GREEN FACADE AND IOT-BASED SYSTEM FOR INDOOR AIR QUALITY

2024 UNIVERSITY

2. GOLD AWARD: E-CONTENT FOR INNOVATION IN BUILT ENVIRONMENT & ENGINEERING (E-CONIBEE) - UNDERGRADUATE CATEGORY

2024 INTERNATIONAL

3. SILVER AWARD - E-CONTENT FOR INNOVATION IN BUILT ENVIRONMENT & ENGINEERING (E-CONIBEE) - UNDERGRADUATE CATEGORY

2024 INTERNATIONAL

4. GOLD AWARD - PERTANDINGAN INOVASI FKP 2024. ARTISTRY HUB: MOBILE APPS TO ENHANCE LEARNING EXPERIENCE IN SKETCHING, DRAWING AND PAINTING

2024 NATIONAL

5. SILVER AWARD - VIRTUAL INNOVATION COMPETITION EXHIBITION (VICE 2024): ARTISTRY HUB: MOBILE APPS TO ENHANCE LEARNING EXPERIENCE IN GRAPHIC AND MULTIMEDIA PRESENTATION

2024 NATIONAL

6. GOLD AWARD - PERTANDINGAN INOVASI FKP: HERITAGE 360

2024 NATIONAL

7. GOLD AWARD: INTERNATIONAL INNOVATION AND INVENTION COMPETITION THROUGH EXHIBITION (ICOMPEX 2024) - INDOOR COMFORT ENVIRONMENT ICE BOX

2024 INTERNATIONAL

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

4TH INTERNATIONAL CONFERENCE ON BUILT ENVIRONMENT AND ENGINEERING 2024 (ICONBEE 2024)

2024 ANTARABANGSA SILVER

9. ARTISTRY HUB: MOBILE APPS TO ENHANCE LEARNING EXPERIENCE IN SKETCHING, DRAWING AND PAINTING Pertandingan Inovasi FKP 2024

2024 UNIVERSITI GOLD

**10. HERITAGE 360** 

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI GOLD

11. ARTISTRY HUB: MOBILE APPS TO ENHANCE LEARNING EXPERIENCE IN GRAPHIC AND MULTIMEDIA PRESENTATION
Pertandingan Inovasi FKP 2024

2024 UNIVERSITI GOLD

12. ARTISTRY HUB: A MOBILE APP TO ENHANCE LEARNING EXPERIENCE IN SKETCHING, DRAWING AND PAINTING VIRTUAL INNOVATION COMPETITION EXHIBITION 2024 (VICE 2204)

2024 KEBANGSAAN SILVER

13. ARTISTRY HUB: A MOBILE APP TO ENHANCE LEARNING EXPERIENCE IN SKETCHING, DRAWING AND PAINTING VIRTUAL INNOVATION COMPETITION 2024

2024 ANTARABANGSA SILVER

**14. ENHANCING SOCIAL INTEGRATION AND SPIRITUAL WELLNESS THROUGH ISLAMIC COURTYARD GARDEN (ICG)** SEMINAR ON PHILOSOPHY, CIVILISATION, ETHICS AND ISLAMIC HERITAGE 2024 (i-STET 2024)

2024 KEBANGSAAN CERTIFICATE OF APPRECIATION

## AWARDS/RECOGNITION

#### 15. A CASE STUDY OF IOT- BASED BIOFILTRATION GREEN PANEL FOR IMPROVING GREEN INDOOR AIR QUALITY

SAIS 24 (7th International Seminar on Islam and Science

2024 ANTARABANGSA CERTIFICATE OF APPRECIATION

#### 16. EXPLORING IOT BASED BIOFILTRATION GREEN PANEL FOR IMPROVING IMDDOR AIR QUALITY

4TH INTERNATIONAL CONFERENCE ON BUILT ENVIRONMENT AND ENGINEERING 2024 (ICONBEE 2024)

2024 ANTARABANGSA GOLD

17. ICE BOX

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024 ANTARABANGSA GOLD

#### 18. INDOOR COMFORT ENVIRONMENT ICE BOX

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024 ANTARABANGSA CERTIFICATE OF APPRECIATION

## 19. FINALIST - INTERNATIONAL STUDENT COMPETITION IN ARCHITECTURAL DESIGN AND CONSTRUCTION OF BAMBOO SWING GAME

2023 INTERNATIONAL

#### 20. STAFF CONTOH BULANAN FAKULTI KEJURUTERAAN DAN ALAM BINA - OCTOBER 2023

2023 UNIVERSITY

#### 21. ICE BOX (INDOOR, COMFORT, ENVIRONMENT)

34th INTERNATIONAL INVENTION & TECHNOLOGY EXHIBITION MALAYSIA (ITEX2023)

2023 ANTARABANGSA GOLD

#### 22. ACADEMIC ADVISOR

FACULTY OF ENGINEERING AND BUILT ENVIRONMENT

2022 OTHERS

### 23. ACADEMIC ADVISOR

FACULTY OF ENGINEERING AND BUILT ENVIRONMENT

2022 UNIVERSITY

#### 24. JURIES CHOICE: ALCOM MINI COMPETITION - I AM A FUN BUILDING ARTWORK - PASWEE2021 (ADVISOR)

2021 NATIONAL

#### 25. BEST PAPER AWARD: TOP 9 - 5TH ABRA INTERNATIONAL CONFERENCE ON QUALITY OF LIFE

2021 INTERNATIONAL

#### 26. FINALIST - NANSHA BAMBOO ART SPACE INSPIRED BY TRADITIONAL ART AND CRAFT 2021 (SUPERVISOR)

2021 INTERNATIONAL

#### 27. 3RD PRIZE - PASWEE COMPETITION 2021: 3D ANIMATION (SUPERVISOR)

2021 NATIONAL

#### 28. 2ND PRIZE- PASWEE COMPETITION 2021: 3D KILLER DRAWING (SUPERVISOR)

2021 NATIONAL

## AWARDS/RECOGNITION

29. ABOVE 500 VOTES: ALCOM MINI COMPETITION - I AM A FUN BUILDING ARTWORK - PASWEE2021 (ADVISOR)

2021 NATIONAL

30. THE VIRTUAL EXHIBITION COMPETITION

2021 BAMBOO COMPETITION INSPIRED BY TRADITION

2021 KEBANGSAAN GOLD

31. BEST PAPER AWARD - 1ST RUNNER UP - 4TH ABRA INTERNATIONAL CONFERENCE OF QUALITY OF LIFE

2018 INTERNATIONAL

32. BEST PAPER AWARD: 2ND RUNNERS UP - 8TH ASIA PACIFIC INTERNATIONAL CONFERENCE ON ENVIRONMENT-BEHAVIOUR STUDIES

2018 INTERNATIONAL

33. FACULTY POSTGRADUATE AWARD

2013 UNIVERSITY

34. UAC ARCHITECTURE STUDENT DESIGN AWARD

2010 UNIVERSITY