



DR. MADIHAH BINTI MAT IDRIS

PENSYARAH UNIVERSITI DS13

CONTACT

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madihahidris@usim.edu.my

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

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

3RD INTERNATIONAL CONFERENCE ON BUILT ENVIRONMENT AND ENGINEERING (ICONBEE2024)

2024 PROCEEDING MYCITE MAIN AUTHOR

2. EXPLORING THE ROLE OF INTELLIGENT FACADES IN ENHANCING ENERGY EFFICIENCY IN EDUCATIONAL BUILDINGS: A SCOPING REVIEW

POSTGRADUATE AND INDUSTRY RESEARCH COLLOQUIUM (PIRC) 2024

2024 PROCEEDING NON-INDEX CO-AUTHOR

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

7TH INTERNATIONAL SEMINAR ON PHILOSOPHY, CIVILISATIONS, ETHICS, AND ISLAMIC TURATH (I-STET) 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

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

SEMINAR ANTARABANGSA ISLAM DAN SAINS (SAIS) 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

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

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

2024 PROCEEDING NON-INDEX MAIN AUTHOR

6. A PATIENT-CENTERED HOSPITAL IN MALAYSIA IN ACCORDANCE WITH MAQASID SYARIAH PRINCIPLES: A COMPREHENSIVE REVIEW AND PROSPECTIVE RESEARCH DIRECTIONS

INTERNATIONAL JOURNAL OF ISLAMIC THOUGHT

2023 JOURNAL WOS CO-AUTHOR

7. EXPLORING THE IMPACT OF EDUCATIONAL COURTYARD GARDENS (ECG) ON STUDENTS' WELL-BEING

2ND INTERNATIONAL ARCHITECTURE POSTGRADUATE CONFERENCE

2023 PROCEEDING MYCITE CO-AUTHOR

8. POLISI HALATUJU PENDIDIKAN SENIBINA NEGARA 2030

2023 POLICY

9. THE ARCHITECTS' AND LANDSCAPE ARCHITECTS' VIEWS ON THE DESIGN AND PLANNING OF THE HOSPITAL COURTYARD GARDENS (HCG) IN MALAYSIA

PLANNING MALAYSIA

2022 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

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

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

2022 JOURNAL ERA MAIN AUTHOR

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

CONFERENCE OF SCIENCE, BUILT ENVIRONMENT AND ENGINEERING (COSBEE2022)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

12. STRATEGIES IN IMPROVING THE BUILDING EFFICIENCY AND DAYLIGHTING : A CASE STUDY OF GREEN BUILDING

CONFERENCE OF SCIENCE, BUILT ENVIRONMENT AND ENGINEERING (COSBEE2022)

2022 PROCEEDING SCOPUS CO-AUTHOR

13. RESILIENT LIVING BY OPTIMIZING THE BUILDING FACADE IN DESIGNING POST-COVID HOUSING

CONFERENCE OF SCIENCE, BUILT ENVIRONMENT AND ENGINEERING (COSBEE2022)

2022 PROCEEDING NON-INDEX CO-AUTHOR

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 Konsultasi Bagi Membangunkan Progra, Sarjana Muda Sains SeniBina Dengan Kepujian Kolej Universiti Yayasan Sabah (KUYS) (University College Sabah Foundation (UCSF))

Kolej Universiti Yayasan Sabah (KUYS)



National

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