

Profile Image

AR. DR. WAN NORISMA WAN ISMAIL

PENSYARAH UNIVERSITI DS13

CONTACT

Phone:

E-mail:

norisma@usim.edu.my

Faculty: Fakulti

Kejuruteraan Dan Alam

Bina

SUPERVISION

PhD - Completed: 0, Ongoing: 2

Master - Completed: 0, Ongoing: 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

PhD in Seni Bina (2021)

Master in Senibina (2012)

Bachelor in Senibina (2000)

Diploma in Senibina (1996)

RESEARCH

1. USIM-UMS ECO-NAQLI HOME

2023 GERAN SEPADAN AGENSI KERAJAAN ON GOING MAIN RESEARCHER

2. DEVELOPMENT OF ALLEYS BRANDING AND WAYFINDING FRAMEWORK FOR ALLEYS COGNIZANCE AND COMMUNITY SAFETY

2023 GERAN PENYELIDIKAN USIM ON GOING CO-RESEARCHER

**3. MODEL PEREKODAN ARKIB DIGITAL BAGI PEMELIHARAAN
DAN PEMULIHARAAN TIPOLOGI MASJID WARISAN**

2023 GERAN PENYELIDIKAN USIM ON GOING CO-RESEARCHER

**4. ENHANCING SPATIAL QUALITY AND LAYOUT DESIGN OF
LOW-COST VERTICAL HOUSING IN MALAYSIA BASED ON
SHARIAH COMPLIANCY AND ISLAMIC BUILDING PRINCIPLES**

2021 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

**5. MODELLING TRANSIT ORIENTED DEVELOPMENT (TOD)
FOR THE EFFECTIVENESS AND INTEGRATION OF URBAN
SUSTAINABLE LIVELIHOOD**

2020 GERAN SEPADAN KOMUNITI ON GOING CO-RESEARCHER

RESEARCH

6. MIZAN SOLAR HOME MODEL FOR SUSTAINABLE LIVELIHOOD

2017 GERAN PENYELIDIKAN KHAS COMPLETED CO-RESEARCHER

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

2015 GERAN PENYELIDIKAN JANGKA PENDEK COMPLETED MAIN RESEARCHER

8. DEVELOPING FOR PILOT PROJECT ON POTENTIAL OF RENEWABLE ENERGY IN UNIVERSITI SAINS ISLAM MALAYSIA

2015 GERAN PENYELIDIKAN JANGKA PENDEK COMPLETED CO-RESEARCHER

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

2015 GERAN PENYELIDIKAN JANGKA PENDEK COMPLETED CO-RESEARCHER

10. A PILOT PROJECT OF POTENTIAL RENEWABLE ENERGY FARMING AT USIM SUSTAINABLE CAMPUS DEVELOPMENT

2015 GERAN PENYELIDIKAN PENTADBIR COMPLETED CO-RESEARCHER

11. DAYLIGHT FACTOR INDICATOR FOR DISCOMFORT METRICS IN LEARNING SPACE BASED ON ACCEPTABLE DAYLIGHT ILLUMINANCE.

2015 GERAN KPT COMPLETED CO-RESEARCHER

PUBLICATION

1. IDENTIFYING AND CATEGORIZING BUILDING DEFECTS AND FAILURES CAUSED BY OVERLOADING

ADVANCES IN APPLIED MECHANICS

2024 JOURNAL ISI CO-AUTHOR

2. MEMOIR MIZAN HOME DUBAI SOLAR DECATHLON MIDDLE EAST 2018

2024 BOOK MAIN AUTHOR

3. CHAPTER 5: PASUKAN DREAMTEAM

MEMOIR MIZAN HOME DUBAI SOLAR DECATHLON MIDDLE EAST 2018

2024 CHAPTER IN BOOK MAIN AUTHOR

4. CHAPTER 4: KISAH REKABENTUK NAN SATU

MEMOIR MIZAN HOME DUBAI SOLAR DECATHLON MIDDLE EAST 2018

2024 CHAPTER IN BOOK MAIN AUTHOR

5. 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

6. STRATEGIC PLANNING OF SUSTAINABLE MAINTENANCE IN HERITAGE SCHOOL BUILDING: MALAYSIA PERSPECTIVE

INTERNATIONAL JOURNAL OF BUILDING PATHOLOGY AND ADAPTATION

2022 JOURNAL SCOPUS CO-AUTHOR

7. 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

8. TOWARDS A CLASSROOM CONDITION INDEX (CCI) ASSESSMENT SCHEME: ASSESSMENT CATEGORIES AND THEIR PERFORMANCE INDICATOR

JOURNAL OF FACILITIES MANAGEMENT

2021 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

9. INDOOR ENVIRONMENTAL QUALITY TOWARDS CLASSROOMS' COMFORT LEVEL: CASE STUDY AT MALAYSIAN SECONDARY SCHOOL BUILDING

JOURNAL OF APPLIED SCIENCES

2021 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

10. JOURNAL OF URBAN SKETCHES: THE HISTORIC STREETS OF MELAKA, MALAYSIA

2021 BOOK CO-AUTHOR

11. PHYSICAL QUALITIES AND ELEMENTS OF STREETS IN THE CONTEXT OF ROYAL TOWN IN MALAYSIA

RUPKATHA JOURNAL ON INTERDISCIPLINARY STUDIES IN HUMANITIES

2020 JOURNAL WOS MAIN AUTHOR / CONTACT PERSON IN USIM

12. HISTORIC STREETScape CHARACTERIZATION: EXPLORING THE EVOLUTION OF STREET IN THE MALAY ROYAL TOWN

INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING (IJRTE)

2019 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

13. 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

PUBLICATION

14. CHAPTER 1 - CONCEPTUAL IDEAS

MIZANHOME: FROM IDEAS TO REALITY

2018

CHAPTER IN BOOK

MAIN AUTHOR

15. CHAPTER 1 - CONCEPTUAL IDEAS

MIZANHOME: FROM IDEAS TO REALITY

2018

CHAPTER IN BOOK

MAIN AUTHOR

16. KAMPUNG DAN HALAMAN: HILANGNYA SEBUAH IDENTITI

KAMPUNG: REFLECTION ON BALANCED IN DEVELOPMENT

2017

CHAPTER IN BOOK

CO-AUTHOR

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

INTERNATIONAL CONFERENCE ON ARCHITECTURE AND BUILT ENVIRONMENT

2016

JOURNAL

SCOPUS

MAIN AUTHOR

18. ACCEPTANCE ILLUMINANCE LEVEL ATTRIBUTES TO VISUAL COMFORT IN OFFICE BUILDINGS

INTERNATIONAL CONFERENCE OF SCIENCE, ENGINEERING AND THE SOCIAL SCIENCES

2016

JOURNAL

SCOPUS

CO-AUTHOR

19. SEIMBANG ITU INDAH : FROM THE PERSPECTIVES OF BUILT ENVIRONMENT

2016

BOOK

CO-AUTHOR

20. PEMBINAAN RUMAH KEDIAMAN MENURUT PERSPEKTIF ISLAM

2016

BOOK

CO-AUTHOR

21. A LITERATURE STUDY ON CRITERIA FOR RETROFITTING ENERGY EFFICIENCY OFFICE BUILDING IN UNIVERSITI SAINS ISLAM MALAYSIA

INTERNATIONAL JOINT CONFERENCE OF SENVAR-INTA-AVAN

2015

PROCEEDING

NON-INDEX

CO-AUTHOR

22. INTEGRATION OF DAYLIGHT AND "ISHRAQ ILLUMINANCE PRINCIPLE FOR OFFICE BUILDING IN MALAYSIA: SURVEY OF OCCUPANT'S SATISFACTION IN MALAYSIA

3RD FST ANNUAL COLLOQUIUM, USIM

2015

PROCEEDING

NON-INDEX

CO-AUTHOR

23. POTENTIAL OF ENERGY SAVING IN OFFICE BUILDINGS IN MALAYSIA: A SURVEY ON PREFERRED ILLUMINATION LEVELS & OCCUPANTS'S SATISFACTION

INTERNATIONAL JOINT CONFERENCE OF SENVAR-INTA-AVAN 2015

2015

PROCEEDING

NON-INDEX

CO-AUTHOR

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

JOINT INTERNATIONAL SEMINAR ♦ GREEN RELIGION, SCIENCE AND TECHNOLOGY: PROSPECT AND CHALLENGE FOR SUSTAINABLE LIVE, SEMARANG, INDONESIA

2015

PROCEEDING

NON-INDEX

CO-AUTHOR

25. MANUAL SENIBINA

2015

BOOK

CO-AUTHOR

26. BUILDING ENERGY EFFICIENCY TECHNICAL GUIDELINE FOR PASSIVE DESIGN

2015

BOOK

CO-AUTHOR

PUBLICATION

27. A CONCEPTUAL APPROACH IN SUSTAINABLE HOUSING IN MALAYSIA

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

2012

JOURNAL

SCOPUS

MAIN AUTHOR

28. PLEDGING FOR THE ENVIRONMENT: ONE ACT AT A TIME

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

2011

JOURNAL

SCI

CO-AUTHOR

29. GOVERNANCE, SUSTAINABILITY AND THE NEW ZEALAND SMALL TO MEDIUM ENTERPRISE SECTOR

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

2011

JOURNAL

SCI

CO-AUTHOR

30. NAVIGATING THE JOURNEY TO SUSTAINABILITY: THE CASE FOR EMBEDDING SUSTAINABILITY LITERACY INTO ALL TERTIARY EDUCATION BUSINESS PROGRAMS

INTERNATIONAL JOURNAL OF ENVIRONMENTAL, CULTURAL, ECONOMIC AND SOCIAL SUSTAINABILITY

2011

JOURNAL

SCOPUS

CO-AUTHOR

31. CITIZEN SCIENCE, CRITICAL NUMERACY AND PLACE-BASED LEARNING: PRACTICES FOR CONNECTING PRE-SERVICES PRIMARY/MIDDLE TEACHERS TO COMMUNITY AND PLACE

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

2011

JOURNAL

SCI

CO-AUTHOR

32. 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. HONORABLE MENTION - 7TH GUANGDONG-HONG KONG-MACAO GREATER BAY AREA-ASEAN INTERNATIONAL COLLEGES DESIGN & CONSTRUCTION COMPETITION 2024.

2024 INTERNATIONAL

2. ANUGERAH BUKU ILMIAH TERBAIK 2023 - JOURNAL OF URBAN SKETCHES THE HISTORIC STREETS OF MELAKA, MALAYSIA

2024 UNIVERSITY

3. TVET IDEA GOLD MEDAL AWARD - INTERNATIONAL INNOVATION AND INVENTION COMPETITION THROUGH EXHIBITION 2024 "EXEMPLARY MODELLING OF ENERGY EFFICIENCY AND ENVIRONMENTALLY SENSITIVE HABITATS: INNOVATIVE PARADIGMS TOWARDS SELF-SUSTAINING HABITAT FOR RURAL COMMUN

2024 NATIONAL

4. GOLD MEDAL AWARD - INTERNATIONAL INNOVATION AND INVENTION COMPETITION THROUGH EXHIBITION 2024 "INDOOR COMFORT ENVIRONMENT: ICEBOX"

2024 INTERNATIONAL

5. BEST INNOVATION AWARD - INTERNATIONAL INNOVATION AND INVENTION COMPETITION THROUGH EXHIBITION 2024 "INDOOR COMFORT ENVIRONMENT: ICEBOX"

2024 INTERNATIONAL

6. ACADEMIC ADVISOR

UNIVERSITI MALAYSIA SARAWAK

2024 NATIONAL

7. ACADEMIC ADVISOR

UNIVERSITI PUTRA MALAYSIA

2024 NATIONAL

8. ACADEMIC ADVISOR

UNIVERSITI KEBANGSAAN MALAYSIA

2024 NATIONAL

9. ACADEMIC ADVISOR

BOARD OF ARCHITECTS MALAYSIA

2024 NATIONAL

10. ACADEMIC ADVISOR

BOARD OF ARCHITECTS MALAYSIA

2024 NATIONAL

11. ACADEMIC ADVISOR

TASHKENT UNIVERSITY OF ARCHITECTURE AND CIVIL ENGINEERING UZBEKISTAN AND USIM MALAYSIA

2024 INTERNATIONAL

12. ACADEMIC ADVISOR

KEMENTERIAN PENDIDIKAN TINGGI, JABATAN PENDIDIKAN TINGGI, LEMBAGA ARKITEK MALAYSIA, MAJLIS AKREDITASI PENDIDIKAN SENIBINA MALAYSIA

2024 NATIONAL

13. ACADEMIC ADVISOR

JABATAN PENDIDIKAN NEGERI SEMBILAN, USIM, PENANG SCIENCE CLUSTER, MYDIGITAL MAKER, CHUMBAKA

2024 NATIONAL

14. ICE BOX

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024

ANTARABANGSA

GOLD

AWARDS/RECOGNITION

15. USIM-UMS ECO-NAQLI HOME

RESEARCH SEMINAR UNIVERSITI SAINS ISLAM MALAYSIA

2024 UNIVERSITY CERTIFICATE OF APPRECIATION

16. EXEMPLARY MODELLING OF ENERGY EFFICIENCY AND ENVIRONMENTALLY SENSITIVE HABITATS: INNOVATIVE PARADIGMS TOWARDS SELF-SUSTAINING HABITAT FOR RURAL COMMUNITIES

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024 ANTARABANGSA GOLD

17. INDOOR COMFORT ENVIRONMENT ICE BOX

ICOMPEX 2024- international innovation and invention through exhibition 2024

2024 ANTARABANGSA CERTIFICATE OF APPRECIATION

18. ANUGERAH AKADEMIK TERBAIK FAKULTI KEJURUTERAAN DAN ALAM BINA

2023 UNIVERSITY

19. FINALIST - BAMBOO 2023 INTERNATIONAL STUDENT COMPETITION IN ARCHITECTURAL DESIGN AND CONSTRUCTION (6TH GUANGDONG-HONG KONG-MACAO GREATER BAY AREA-ASEAN INTERNATIONAL COLLEGES & UNIVERSITIES DESIGN & CONSTRUCTION COMPETITION 2023)

2023 INTERNATIONAL

20. ACADEMIC ADVISOR

UNIVERSITI MALAYSIA SARAWAK

2023 NATIONAL

21. ACADEMIC ADVISOR

UNIVERSITI PUTRA MALAYSIA

2023 NATIONAL

22. ACADEMIC ADVISOR

LEMBAGA ARKITEK MALAYSIA

2023 NATIONAL

23. ACADEMIC ADVISOR

LEMBAGA ARKITEK MALAYSIA

2023 NATIONAL

24. ACADEMIC ADVISOR

CITY UNIVERSITY

2023 NATIONAL

25. ICE BOX (INDOOR, COMFORT, ENVIRONMENT)

34th INTERNATIONAL INVENTION & TECHNOLOGY EXHIBITION MALAYSIA (ITEX2023)

2023 ANTARABANGSA GOLD

26. PERSIDANGAN DAN EKSPLO CIPATAN INSTITUSI PENGAJIAN TINGGI ANTARABANGSA - PINGAT EMAS

2022 NATIONAL

27. ACADEMIC ADVISOR

LEMBAGA ARKITEK MALAYSIA

2022 NATIONAL

28. ACADEMIC ADVISOR

PERTUBUHAN ARKITEK MALAYSIA

2022

NATIONAL

AWARDS/RECOGNITION

29. ACADEMIC ADVISOR

UNIVERSITI KEBANGSAAN MALAYSIA

2022

UNIVERSITY

30. ICE BOX (INDOOR, COMFORT, ENVIRONMENT)

Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA22)

2022

ANTARABANGSA

GOLD

31. THE VIRTUAL EXHIBITION COMPETITION

2021 BAMBOO COMPETITION INSPIRED BY TRADITION

2021

KEBANGSAAN

GOLD

32. KILLER DRAWING

1st INTERNATIONAL ARCHITECTURAL EDUCATION EXHIBITION AND CONFERENCE 2021

2021

ANTARABANGSA

SILVER

33. TESIS CEMERLANG

2020

UNIVERSITY

34. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2020

UNIVERSITY

35. ACADEMIC ADVISOR

LEMBAGA ARKITEK MALAYSIA

2020

NATIONAL

36. VISITING RESEARCHER

LEMBAGA ARKITEK MALAYSIA

2020

NATIONAL

37. ACADEMIC ADVISOR

UNIVERSITI KEBANGSAAN MALAYSIA

2018

NATIONAL

38. TRIPLE EYE LID: EDIBLE GARDEN PASSIVE COOLING AND AIR FILTRATION SYSTEM IN SURIS

29th International invention,innovation& technology exhibition 2018 (ITEX 2018)

2018

KEBANGSAAN

GOLD

39. TRIPLE EYE LID: PASSIVE COOLING AND AIR FILTRATION SYSTEM FOR RESIDENTIAL

8th EXPOSITION ON ISLAMIC INNOVATION (i-INOVA) 2018

2018

UNIVERSITI

SILVER

40. USIM MIZAN HOMESTAY PECIPTA'17

2017

UNIVERSITY

41. ACADEMIC ADVISOR

LINTON COLLEGE UNIVERSITY

2017

UNIVERSITY

42. MIZAN SOLARHOME

27TH INTERNATIONAL INVENTION & INNOVATION EXHIBITION 2017 (ITEX 2017)

2017

ANTARABANGSA

SILVER

AWARDS/RECOGNITION

43. ANUGERAH PENSYARAH AKTIF TAHUN 2015

2016

UNIVERSITY

44. KARNIVAL PESONA USIM-IMYIYAZ 2016

2016

UNIVERSITY

45. CERTIFICATE OF PARTICIPATION

2016

UNIVERSITY

46. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2016

UNIVERSITY

47. PENCAPAIAN CEMERLANG (MUMTAZ) PENILAIAN KURSUS DAN PENGAJARAN (ENILAI)

2015

UNIVERSITY

48. PENYEDIAAN OUTCOME PROGRAM/PROJEK PEMBANGUNAN KEMENTERIAN PENDIDIKAN MALAYSIA (SEKTOR PENGIJIAN TINGGI)

2015

NATIONAL

49. ACADEMIC ADVISOR

UNIVERSITI PUTRA MALAYSIA

2015

UNIVERSITY

50. ACADEMIC ADVISOR

UNIVERSITI TEKNOLOGI MALAYSIA

2015

UNIVERSITY

51. ACADEMIC ADVISOR

UNIVERSITI TEKNOLOGI MALAYSIA

2015

UNIVERSITY

52. ACADEMIC ADVISOR

UNIVERSITI TEKNOLOGI MALAYSIA

2015

UNIVERSITY

53. ACADEMIC ADVISOR

UNIVERSITI KEBANGSAAN MALAYSIA

2015

UNIVERSITY

54. ACADEMIC ADVISOR

UNIVERSITI KEBANGSAAN MALAYSIA

2014

UNIVERSITY

55. ACADEMIC ADVISOR

UNIVERSITI TEKNOLOGI MALAYSIA

2014

UNIVERSITY