

Profile Image

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ELINA BINTI MOHD  
HUSINI**

PENSYARAH UNIVERSITI DS14

## CONTACT

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**Faculty:** Fakulti  
Kejuruteraan Dan Alam  
Bina

## SUPERVISION

PhD - Completed: 1, Ongoing: 4

Master - Completed: 2,  
Ongoing: 1

## 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

## ACADEMIC QUALIFICATION

PhD in Architecture (2016)

Bachelor in Senibina (2002)

## RESEARCH

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

2021 GERAN PENYELIDIKAN FLAGSHIP ON GOING MAIN RESEARCHER

2. A NEW PARAMETRIC MODULE OF THERMAL AND LIGHTING BASED ON SOLAR CELL FACADE SYSTEM IN SCHOOL

2020 GERAN KPT COMPLETED MAIN RESEARCHER

3. BIOCLIMATIC ARCHITECTURE AND INTEGRATED HYBRID SOLAR COOLING SYSTEM FOR ENGAGING RESILIENT COMMUNITY TO CLIMATE CHANGE

2019 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

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

2015 GERAN KPT COMPLETED MAIN RESEARCHER

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

2015 GERAN PENYELIDIKAN JANGKA PENDEK COMPLETED MAIN RESEARCHER

# PUBLICATION

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## 1. 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

## 2. 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

## 3. WATIKAH SATU AMANAH

MEMOIR MIZAN HOME DUBAI , SOLAR DEACTHLON MIDDLE EAST 2018

2024 CHAPTER IN BOOK MAIN AUTHOR

## 4. DUBAI, HERE WE COME

MEMOIR MIZAN HOME DUBAI, SOLAR DECATHLON MIDDLE EAST 2018

2024 CHAPTER IN BOOK MAIN AUTHOR

## 5. ISLAM AND THE FINE ARTS

THE HISTORY AND REVOLUTION OF ART AND ISLAM; THE BARAK KHAN MADRASAH

2024 CHAPTER IN BOOK MAIN AUTHOR

## 6. 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

## 7. DAYLIGHT AND COLOR

EMPOWERING THE BUILT ENVIRONMENT: A MULTIDISCIPLINARY APPROACH

2023 CHAPTER IN BOOK MAIN AUTHOR

## 8. 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

## 9. PERMULAAN AWAL BICARA

MEMOIR SDME

2022 CHAPTER IN BOOK MAIN AUTHOR

## 10. DAYLIGHT AND COLOUR

EMPOWERING THE BUILT ENVIRONMENT A MULTIDISCIPLINARY APPROACH

2022 CHAPTER IN BOOK MAIN AUTHOR

## 11. DAYLIGHT EFFICIENCY AND ENERGY SAVING LIGHTING TO MAXIMIZE STUDENTS' HAFAZAN PERFORMANCE AND VISUAL COMFORT: A CASE RESEARCH OF A SELECTED RELIGIOUS SCHOOL

THE 7 TH INTERNATIONAL CONFERENCE ON QURAN AS FOUNDATION OF CIVILIZATION (SWAT 2021)

2021 PROCEEDING NON-INDEX MAIN AUTHOR

## 12. HYBRID THERMAL ENERGY STORAGE COOLING & HEATING SYSTEM FOR A SOLAR HOME

SUSTAINABLE LIVING IN THE BUILT ENVIRONMENT

2021 CHAPTER IN BOOK MAIN AUTHOR

## 13. ILLUMINANCE LEVEL MEASUREMENT AT LOWER WORKING PLANE HEIGHT IN ISLAMIC RELIGIOUS SCHOOL

ASIAN JOURNAL OF UNIVERSITY EDUCATION (AJUE)

2020 JOURNAL SCOPUS MAIN AUTHOR

# PUBLICATION

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## 14. THE EFFECT OF DAYLIGHT FLUCTUATION AND ACCEPTABLE ILLUMINANCE LEVEL ON VISUAL COMFORT IN OFFICE BUILDINGS

ICRP 2019 4TH INTERNATIONAL CONFERENCE ON REBUILDING PLACE

2019 PROCEEDING NON-INDEX MAIN AUTHOR

## 15. THE EFFECTS OF DAYLIGHT FLUCTUATION AND ILLUMINANCE LEVEL IN OFFICE BUILDING

4 TH INTERNATIONAL CONFERENCE ON REBUILDING PLACE

2019 PROCEEDING NON-INDEX MAIN AUTHOR

## 16. THE CONCEPT OF ?SAKINAH? FOR FUTURE SURVIVAL IN CONSERVING A SUSTAINABLE LIFE

SUSTAINABLE INITIATIVE IN USIM DIALOGUE

2019 PROCEEDING NON-INDEX MAIN AUTHOR

## 17. BEAUTY OF BALANCE: FROM THE PERSPECTIVE OF BUILT ENVIRONMENT

2019 BOOK MAIN AUTHOR

## 18. LIGHT FLUCTUATION IN RELATIONSHIP OF HUMAN SATISFACTION AND ENERGY SAVING OFFICE BUILDINGS IN MALAYSIA: A CASE STUDY ON STATE FEDERAL BUILDING, JOHOR BAHRU

ADVANCES IN SUSTAINABLE LIVING: BUILT ENVIRONMENT AND THE TECHNOLOGY

2019 CHAPTER IN BOOK MAIN AUTHOR

## 19. LIGHT, DAYLIGHTING AND FLUCTUATION OF AN ILLUMINANCE LEVEL IN OFFICE BUILDING

IOP CONFERENCE SERIES : MATERIAL SC AND ENGINEERING

2018 JOURNAL SCOPUS MAIN AUTHOR

## 20. LIGHT, DAYLIGHTING AND FLUCTUATION OF ILLUMINANCE LEVEL IN OFFICE BUILDING

ICACE 2018 2ND INTERNATIONAL CONFERENCE ON ARCHITECTURE AND CIVIL ENGINEERING

2018 PROCEEDING NON-INDEX MAIN AUTHOR

## 21. A REVIEW OF SCIENCE OF LIGHT: FROM NAQLI KNOWLEDGE TO APPLICATION IN PRACTICE

CONTEMPORARY ISSUES: ISLAM AND SCIENCE

2018 PROCEEDING NON-INDEX MAIN AUTHOR

## 22. A HANDBOOK FOR MEASURED DRAWINGS DOCUMENTING WITH NAQLI STUDIES

2018 BOOK MAIN AUTHOR

## 23. MONOGRAPH MIZANHOME.. FROM CONCEPT TO REALITY

2018 BOOK MAIN AUTHOR

## 24. CONCEPTUAL IDEAS

MIZANHOME FROM IDEAS TO REALITY

2018 CHAPTER IN BOOK MAIN AUTHOR

## 25. A REVIEW OF SCIENCE OF LIGHT: FROM NAQLI KNOWLEDGE TO APPLIACATION IN PRACTICE

CONTEMPORARY ISSUES : ISLAM ANS SCIENCE

2018 CHAPTER IN BOOK MAIN AUTHOR

## 26. DEVELOPMENT OF A SOLAR HOME IN MIDDLE EAST: A REVIEW

THE IRES- 300TH INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING TECHNOLOGIES

2017 PROCEEDING NON-INDEX MAIN AUTHOR

# PUBLICATION

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

INTERNATIONAL

2017 PROCEEDING NON-INDEX MAIN AUTHOR

## 28. ACCEPTABLE ILLUMINANCE LEVEL ATTRIBUTES TO VISUAL COMFORT IN OFFICE BUILDING

2ND INTERNATIONAL CONFERENCE AND SCIENCE ENGINEERING AND SOCIAL SCIENCES

2016 PROCEEDING NON-INDEX MAIN AUTHOR

## 29. OCCUPANTS SATISFACTION AND ENERGY SAVING IN OFFICE BUILDINGS: A CASE STUDY IN STATE FEDERAL BUILDING ,JOHOR BAHRU

JURNAL TEKNOLOGI,

2015 JOURNAL SCOPUS MAIN AUTHOR

## 30. POTENTIAL OF ENERGY SAVING IN OFFICE BUILDINGS IN MALAYSIA: A SURVEY ON PREFERRED ILLUMINATION LEVELS & OCCUPANTS SATISFACTION

INTERNATIONAL JOINT CONFERENCE OF SENVAR-INTA-AVEN

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 31. INTEGRATION OF DAYLIGHT AND ILLUMINANCE PRINCIPLE FOR OFFICE IN MALAYSIA: A SURVEY OF OCCUPANTS SATISFACTION IN MALAYSIA

3RD FST ANNUAL COLLOQUIUM, USIM

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 32. DAYLIGHT IN OFFICE BUILDINGS IN MALAYSIA: A PILOT STUDY ON OCCUPANTS SATISFACTION AND LUMINOUS ENVIRONMENT

SPACES AND FLOWS: AN INTERNATIONAL CONFERENCE ON URBAN AND EXTRAURBAN STUDIES

2013 JOURNAL WOS MAIN AUTHOR

## 33. REMEDY THE GAP; ENERGY SAVING LIGHTING SYSTEM AND OCCUPANT PREFERENCES FOR OLD AND NEW OFFICE BUILDINGS IN MALAYSIA

BRIDGING OLD AND NEW:KALAM

2012 PROCEEDING NON-INDEX MAIN AUTHOR

# CONSULTATION

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

KOLEJ UNIVERSITI YAYASAN SABAH (UCSF)

2024

NATIONAL

## 2. PKNS OFFICE BUILDING

PKNS AND NEAPOLI SDN BHD

2013

NATIONAL

# AWARDS/RECOGNITION

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## 1. E-CONTENT FOR INNOVATION IN BUILT ENVIRONMENT AND ENGINEERING ( ECONBEE) - EXPLORING IOT BASED BIOFILTRATION GREEN PANELSFOR IMPROVING INDOOR AIR QUAITY

2024

INTERNATIONAL

## 2. VIRTUAL INNOVATION COMPETITION EXHIBITION ( SILVER)

2024

NATIONAL

## 3. ICOMPEX 2024 - INTERNATIONAL , INVENTION COMPETITION THROUGH EXHIBITION 2024 ( GOLD)

2024

INTERNATIONAL

## 4. BEST INNOVATION AWARD - ICOMPEX 2024 . INTERNATIONAL INNOVATION , INVENTION COMPETITION THROUGH EXHIBITION 2024

2024

INTERNATIONAL

## 5. ACADEMIC ADVISOR

PANEL TEMU DUGA HADIAH LATIHAN PERSEKUTUAN TAHUN 2024, BAHAGIAN BIASISWA, HADIAH LATIHAN PERSEKUTUAN/ PANEL INTERVIEWER FOR SCHOLARSHIP HLP 2024

2024

INTERNATIONAL