



DR. NOOR'ADILAH BINTI IBRAHIM

PENSYARAH UNIVERSITI DS13

CONTACT

Phone: 8781

E-mail:
nooradilah@usim.edu.my

Faculty: Fakulti Sains
Dan Teknologi

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,
Ongoing: 1

AREAS OF EXPERTISE

Stochastic Analysis And Modelling

Time Series And Spatial Analysis Time Series And
Forecasting

ACADEMIC QUALIFICATION

PhD in Mathematical Finance (2019)

Master in Sains (matematik) (2014)

Bachelor in Matematik Kewangan (2012)

RESEARCH

1. A FUNDAMENTAL STUDY ON THE PRICE DYNAMICS OF REITS AND STOCKS USING ECONOPHYSICS AND MACHINE LEARNING

2026 GERAN PENYELIDIKAN FUNDAMENTAL ON GOING CO-RESEARCHER

2. NEW THEORETICAL FORMULATION OF QUANTO OPTIONS PRICE IN ENERGY MARKETS

2020 GERAN KPT COMPLETED MAIN RESEARCHER

3. MODELLING AND ANALYSIS OF COVID-19 SPREADING PROCESS ON COMPLEX NETWORKS

2020 GERAN PENYELIDIKAN COVID-19 COMPLETED CO-RESEARCHER

4. NEW FUNDAMENTAL FRAMEWORK FOR FORECASTING OF ECONOMIC BUBBLE RUPTURE AND ITS IMPACT ON B40 GROUPS

2020 GERAN KPT COMPLETED CO-RESEARCHER

PUBLICATION

1. A TIME SERIES ANALYSIS ON FOREIGN DIRECT INVESTMENT DETERMINANTS IN MALAYSIA

SEMARAK INTERNATIONAL JOURNAL OF MODERN ACCOUNTING AND FINANCE

2025 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

2. MODELLING OF SOLAR POWER GENERATION IN MALAYSIA: A TIME SERIES ANALYSIS

FUTURE ENERGY AND ENVIRONMENT LETTERS

2025 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

3. FACTORS INFLUENCING CRUDE OIL PRICES IN MALAYSIA: A TIME SERIES ANALYSIS

SEMARAK INTERNATIONAL JOURNAL OF MODERN ACCOUNTING AND FINANCE

2025 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

4. FACTORS AFFECTING RUBBER PRICES IN MALAYSIA

NEGERI SEMBILAN INTERNATIONAL (NSIEX) & RESEARCH SYMPOSIUM 2025

2025 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

5. FACTORS AFFECTING THE POVERTY LEVEL IN DEVELOPED AND DEVELOPING COUNTRIES

SAIS 2024

2024 PROCEEDING OTHER DATABASE EDITOR

6. PRICING QUANTO OPTIONS IN RENEWABLE ENERGY MARKETS

MALAYSIAN JOURNAL OF MATHEMATICAL SCIENCES

2023 JOURNAL ISI AND SCOPUS CORRESPONDING AUTHOR

7. IMPACT OF IMPORT AND EXPORT OF ENERGY SUPPLY ON THE TOTAL ELECTRICITY GENERATION IN MALAYSIA

SAIS 2023

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

8. A GARCH STUDY ON EXCHANGE RATE DETERMINANTS: A CASE OF MALAYSIA

JOURNAL OF STATISTICAL MODELLING & SIMULATION ANALYTICS

2022 JOURNAL OTHER DATABASE CO-AUTHOR

9. THE EFFECT OF FOSSIL FUELS PRICE ON ENERGY'S STOCK RETURNS

MALAYSIAN JOURNAL OF SCIENCE, HEALTH AND TECHNOLOGY

2021 JOURNAL MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

10. MODELLING OF INTRADAY PHOTOVOLTAIC POWER PRODUCTION

MALAYSIAN JOURNAL OF SCIENCES

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

11. CALENDAR ANOMALIES IN ENERGY STOCK RETURNS

THE 3RD INTERNATIONAL CONFERENCE ON ECONOMICS, ENTREPRENEURSHIP AND MANAGEMENT 2021

2021 PROCEEDING NON-INDEX MAIN AUTHOR

12. THE EFFECT OF ECONOMIC CONDITIONS ON ELECTRICITY CONSUMPTION IN MALAYSIA

SAIS 2021

2021 PROCEEDING NON-INDEX MAIN AUTHOR

13. FACTORS AFFECTING UNEMPLOYMENT RATE IN MALAYSIA

SAIS 2021

2021 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

14. SOCIO-DEMOGRAPHIC EFFECT ON E-LEARNING IN USIM DURING COVID-19 PANDEMIC

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2020

2020 PROCEEDING NON-INDEX MAIN AUTHOR

15. ASSESSING KNOWLEDGE, ATTITUDE AND PRACTICE TOWARDS COVID-19 AMONG USIM UNDERGRADUATES

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

16. KNOWLEDGE, ATTITUDE, AND PRACTICE TOWARDS COVID-19: USIM UNDERGRADUATE STUDENTS CASE STUDY

4TH USIM INTERNATIONAL HEALTH E-CONFERENCE 2020 (IHEC 2020)

2020 PROCEEDING NON-INDEX CO-AUTHOR

17. SYNERGIZING INNOVATION AND RESEARCH THROUGH SCIENCE AND TECHNOLOGY

KOSIST2020

2020 PROCEEDING NON-INDEX EDITOR

18. A CASE STUDY OF PRICING USING POLYNOMIAL PROCESSES IN TEMPERATURE MARKETS

STOCHASTIC MODELLING OF WEATHER RISK IN ENERGY MARKETS

2019 CHAPTER IN BOOK MAIN AUTHOR

19. INTRODUCTION TO ENERGY MARKETS

STOCHASTIC MODELLING OF WEATHER RISK IN ENERGY MARKETS

2019 CHAPTER IN BOOK MAIN AUTHOR

20. STOCHASTIC MODELLING OF PV GENERATION & ELECTRICITY PRICES

STOCHASTIC MODELLING OF WEATHER RISK IN ENERGY MARKETS

2019 CHAPTER IN BOOK CO-AUTHOR

21. STATISTICAL ANALYSIS OF PV & WIND GENERATION

STOCHASTIC MODELLING OF WEATHER RISK IN ENERGY MARKETS

2019 CHAPTER IN BOOK MAIN AUTHOR

22. MODELLING OF INTRADAY PV PRODUCTION

STOCHASTIC MODELLING OF WEATHER RISK IN ENERGY MARKETS

2019 CHAPTER IN BOOK MAIN AUTHOR

AWARDS/RECOGNITION

1. ACADEMIC ADVISOR

KOLEJ MATRIKULASI

2025

NATIONAL

2. A TIME SERIES ANALYSIS ON FOREIGN DIRECT INVESTMENT DETERMINANTS IN MALAYSIA

Semarak International Research Innovation Symposium IV (SIRIS IV)

2025

ANTARABANGSA

SILVER

3. FACTORS AFFECTING RUBBER PRICES IN MALAYSIA

NEGERI SEMBILAN INTERNATIONAL EXOPOSITON (NSIEx) & RESEARCH SYMPOSIUM 2025

2025

ANTARABANGSA

BRONZE

4. MODELLING OF SOLAR POWER GENERATION IN MALAYSIA: A TIME SERIES ANALYSIS

Semarak International Research Innovation Symposium IV (SIRIS IV)

2025

ANTARABANGSA

SILVER

5. FACTORS INFLUENCING CRUDE OIL PRICES IN MALAYSIA: A TIME SERIES ANALYSIS

Semarak International Research Innovation Symposium IV (SIRIS IV)

2025

ANTARABANGSA

SILVER

6. A TIME SERIES ANALYSIS ON FOREIGN DIRECT INVESTMENT DETERMINANTS IN MALAYSIA

ACTUARIAL SCIENCE & RISK MANAGEMENT PROGRAM

2025

UNIVERSITI

CERTIFICATE OF APPRECIATION

7. STAF CONTOH BULANAN

2024

UNIVERSITY

8. SIJIL PENGHARGAAN IFFAH

2024

UNIVERSITY

9. ANUGERAH PERKHIDMATAN CEMERLANG

2022

UNIVERSITY

10. BEST ORAL PRESENTER

POSTGRADUATE SEMINAR FACULTY OF SCIENCE & TECHNOLOGY (KoSIST2019)

2019

UNIVERSITI

CERTIFICATE OF APPRECIATION