

CURRICULUM VITAE

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ACADEMIC QUALIFICATIONS

PhD in Economics, *University of Essex, United Kingdom* (2013)
Master of Economics, *Universiti Kebangsaan Malaysia* (2006)
Bachelor of Economics, *Universiti Kebangsaan Malaysia* (2004)

RESEARCH EXPERTISE

Applied Econometrics, Macroeconomics Policy, Agriculture and Environmental Economics.

WORK EXPERIENCES

Associate Professor , Universiti Kebangsaan Malaysia	August 2020-Present
Senior Lecturer , Universiti Kebangsaan Malaysia	Mac 2013-July 2020
Visiting Research Fellowship , University of Essex	June 2013–Sept 2013
Graduate Teaching Assistant , University of Essex	Oct 2009-Sept 2011
Lecturer , Universiti Kebangsaan Malaysia	Dec 2006-Feb 2013

ADMINISTRATIVE POST

- Manager, MPOB-UKM Endowment Chair**, (March 2020 to March 2025)
- Head of Cluster (Public Policy Studies)**, Centre for Sustainable and Inclusive Development (SID)
- Associate Dean (Student and Alumni Affairs)**, Faculty of Economics and Management, UKM (July 2015 to July 2018)

AWARDS RECEIVED

- Most Promising Academician Award, UKM, 2021
- Mass Media Award UKM, 2021
- International Research Grant Awards, UKM 2020
- Best Paper Award, The 2nd International Conference on Social and Economic Development (ICSED), 2018
- Excellence Service Award (APC), 2017
- Teaching Innovation Award, 2016
- Excellence Teaching Award, 2015
- Young Researcher Award, 9th UKM Innovation Award, 2014
- Second Place, Poster Presentation Award, MITI and UKM, 2014
- Young Research Fellowship, Essex University, United Kingdom, 2013.
- Excellence Service Award (APC), 2013.

CONSULTANCY PROJECTS

- Department of Occupational Safety and Health (DOSH) – Kajian Intervensi, Efektif dan Praktikal untuk Menangani 5 Jenis Kemalangan Maut Utama Dalam Sektor Industri Berisiko Tinggi.** (Appointment: 1 February 2023 – 31 January 2024)
- Economic Research Institute for ASEAN and East Asia (ERIA) - Supply and Demand of Professional Services in ASEAN and Enhancing the Level of Interaction and Mobility of ASEAN Professional Services**

(Appointment: 20 October 2021 – 31 March 2022)

3. **Department of Occupational Safety and Health (DOSH) – The Relationship between Worker Productivity and Occupational Safety, Health and Environment.** (Appointment: 1 July 2021 – 30 June 2022)
4. **Ministry of Finance (MOF) – COVID-19: Economic Impact and Evaluating the Effectiveness of Fiscal's Policy Recovery (Pakej Rangsangan Ekonomi).** (Appointment: 1 June 2020 – 31 May 2022)
5. **Economic Research Institute for ASEAN and East Asia (ERIA) - Managing Non-Tariff Measures in ASEAN** (Appointment: 1 October 2019 – 30 April 2020)
6. **APEC & Ministry of International Trade and Industry (MITI) – Charting Malaysia's Strategic Directions for APEC 2020 and beyond.** (Appointment: 1 June 2019 – 31 December 2020)
7. **CIMB ASEAN Research Institute (CARI) – Non-Tarif Barriers and Estimating Trade Restrictiveness Index for ASEAN Countries** (Appointment: 1 July 2018 to 31 December 2018)

JOURNAL PUBLICATIONS (Recent 5 Years)

1. Lee, C.L., Ahmad R, Khalid N, Karim ZA (2023), Institutional Quality, Income Level and Debt Sustainability: New Evidence using Dynamic Panel Threshold Regression. *Technological And Economic Development of Economy*. 29(5), 1520-1538. WOS-SSCI-Q1.
2. Cahyadin, M., Sarmidi, T, Khalid N., Law, S.H. (2023). The Effectiveness of Debt Rule on Fiscal Sustainability: Do Macroeconomic Data Matter? *International Journal of Business and Society*. 24(2) 677-689. WOS/SCOPUS
3. Khalid N., MH Ali, NHAM Ridzuan, ML Tseng, MSM Nadzir, SM Nor. (2023). Symmetric and asymmetric impacts of the palm oil industry on carbon dioxide emissions in Malaysia based on linear and nonlinear autoregressive distributed lag models. *Clean Technologies and Environmental Policy*, 1-22. WOS-SSCI-Q1.
4. L Yogarajan, M Masukujaman, MH Ali, N Khalid, LH Osman, SS Alam (2023). Exploring the Hype of Blockchain Adoption in Agri-Food Supply Chain: A Systematic Literature Review. *Agriculture*. 13(6), 1173. WOS-SSCI-Q1.
5. Lee, C.L., Ahmad R, Khalid N, Karim ZA (2023), Modeling the Non-linear Fiscal Reaction Function in Malaysia. *Singapore Economic Review*, pp. 1-18. WOS-SSCI-Q4.
6. Ertimi, B., Sarmidi, T, Khalid N & Ali, M.H (2023), Revisiting the Role of the Oil Curse and Its Transmission Channels in Shaping Petrostates' Growth: An Evidence from a Quantile Regression, *Singapore Economic Review*, Article in Press. WOS-SSCI-Q4.
7. NA Khairuddin, T Sarmidi, MR Palil, N Khalid (2023), What Causes Aviation Sanctions? A Systematic Review. *The Collegiate Aviation Review International*. 41(1). SCOPUS
8. M Kraim, T Sarmidi, F Faizah, N Khalid, (2023). A Sectoral Specification of Okun's Law in Oil-Producing Countries: Evidence from Panel ARDL Model. *Economic Change and Restructuring*. 56, 2385-2404. WOS-SSCI
9. Hamidi, H.N.A., Khalid N., Karim ZA, K.V.Zainuddin M.R. (2022). Technical Efficiency and Export Potential of The World Palm Oil Market. *Agriculture*, 1-16. WOS-SSCI-Q1.
10. Abdulhafedh, NA., Al-kubati, Karim ZA, Khalid, N., Kabir Hassan, M. (2022). The Impact Of Sub-sector of Economic Activity And Financial Development On Environmental Degradation: New Evidence Using Dynamic Heterogeneous Panel. *Mathematics*. 1-23. WOS-SSCI-Q1.
11. Lee, S.Y., Karim ZA, Khalid, N., Zaidi, M.A.S, (2022). The Push and Pull Factors of China's Outward Foreign Direct Investment in BRI Countries. *Technological And Economic Developmentof Economy*. 611-637. WOS-SSCI-Q1.
12. Liu, Y., Karim ZA, Khalid, N., Said, F.F. (2022). Benefit Modeling and Analysis of Wind Power Generation Under Social Energy Economy and Public Health. *Journal Of Environmental and Public Health*. 1-9. WOS/SCOPUS
13. Sabri, M.S., Khalid, N., Mohd Azam, A.H., Sarmidi, T, (2022). Impact Analysis of The External Shocks on The Prices Of Malaysian Crude Palm Oil: Evidence From A Structural Vector Autoregressive Model. *Mathematics*. 1-22. WOS-SSCI-Q1.
14. Alshammary MD, Khalid N., Karim ZA, Ahmad R. (2022). Government Expenditures and Economic Growth in The Mena Region: A Dynamic Heterogeneous Panel Estimation. *International Journal of Finance and Economics*. 3287-3299. WOS-SSCI-Q2.
15. Cahyadin, M., Sarmidi, T, Khalid N., Law, S.H. (2022). Too Much Debt and Budget Deficit on Fiscal Sustainability: Do Institutions Matter? *Malaysian Journal of Economic Studies*. 261-284. WOS/SCOPUS
16. Lee, S.Y., Karim ZA, Khalid N., Zaidi, M.A.S, (2022). The Spillover Effects of Chinese Shocks on the Belt and Road Initiative Economies: New Evidence Using Panel Vector Autoregression. *Mathematics*. 1-18. WOS-SSCI-Q1.
17. Ying Liu, Karim ZA, Norlin Khalid, Fathin Faizah Said. (2022). Benefit Modeling and Analysis of Wind

Power Generation Under Social Energy Economy and Public Health. *Journal of Environmental and Public Health*. 1-9. WOS/SCOPUS

18. Lee, C.L., Ahmad R, Wing Shing Lee, Khalid, N., and Zulkefly Abdul Karim. (2022). The Financial Sustainability of State-Owned Enterprises in an Emerging Economy. *Economies* 10, no. 10: 233. WOS/SCOPUS
19. Lee, S.Y., Karim ZA, Khalid N, Zaidi, M.A.S, (2022), Determinants of China Outward Direct Investment in the Economies of Belt and Road Initiative (BRI) Countries: New Evidence Using Panel Data Analysis. *Technological and Economic Development of Economy*, Accepted. WOS-SSCI-Q1
20. Abd Razak, F.D., Khalid, N., Ali, M.H (2021), Asymmetric Impact of Institutional Quality On Environmental Degradation: Evidence of The Environmental Kuznets Curve, *Sustainability*, Vol. 13 (22), pp. 1-24, WOS-SSCI-Q2
21. Lee, C.L., Ahmad R, Khalid N, Karim ZA (2021), Modeling the Non-linear Fiscal Reaction Function in Malaysia. *Singapore Economic Review*, pp. 1-18. WOS-SSCI-Q4
22. Ali, M.H, Suleiman, N., Khalid N, Tan, K. H, Tseng, M.L. & Kumar, M (2021), Supply Chain Resilience Reactive Strategies for Food SMEs in Coping the COVID-19 Crisis, *Trends in Food Science & Technology*, Vol. 109, pp. 94-102. WOS SSCI-Q1
23. Ertimi, B, Sarmidi, T, Khalid N & Ali, M.H (2021), The Policy Framework of Natural Resource Management in Oil-Dependence Countries, *Economies*, Vol. 9(2). WOS/SCOPUS
24. Alshammary MD, Khalid N, Karim ZA, Ahmad R. (2021), Government Expenditures and Economic Growth in the MENA Region: A Dynamic Heterogenous Panel Estimation, *International Journal Financial Economics*, pp. 1-13. WOS-SSCI-Q4
25. K.V.Zainuddin M.R., Sarmidi, T & Khalid, N. (2020), Sustainable Production, Non-Tariff Measures and Trade Performance in RCEP Countries, *Sustainability*. WOS-SSCI-Q2
26. M. Ridzuan, N.H.A., Marwan, N. F., Khalid, N., Ali, M.H & Tseng, M.L. (2020), Effects of Agriculture, Renewable Energy, and Economic Growth on Carbon Dioxide Emissions: Evidence of the Environmental Kuznets Curve, *Resources, Conservation and Recycling*, Vol. 160. WOS-SSCI-Q1
27. Alshammary MD, Khalid N, Karim ZA, & Ahmad R. (2020), Twin Deficits and the Feldstein-Herrioka Hypothesis in the MENA Region: New Evidence Using Panel VAR Analysis, *International Journal of Economics and Management*, Vol. 14(3), pp. 311-329. SCOPUS
28. Alshammary MD, Karim ZA, Khalid N, & Ahmad R. (2020), Government Expenditures and Economic Growth in the MENA Region: A Dynamic Heterogenous Panel Estimation, *Economies*, Vol. 8(4), pp. 102. WOS/SCOPUS
29. Alshammary MD, Karim ZA, Khalid N, & Ahmad R. (2020), Debt-Growth Nexus in Jordan: New Evidence Using Dynamic Threshold Analysis, *Journal of Economic Cooperation & Development*, Vol. 41 (4), pp. 85-105. WOS/SCOPUS
30. K.V.Zainuddin, M.R., Khalid, N. and Sarmidi, T. (2019), Augmented Trade Restrictiveness Indices for ASEAN Countries and Their Major Trading Partners, *International Journal of Economics and Management*, Vol 13(2). SCOPUS
31. Mohd Hisham, A.A., Abdulkarim, Z. and Khalid, N. (2019), Determinants of Capital Expenditure Spending in Malaysian Palm Oil Industries: A Dynamic Panel Data Analysis, *Economic Journal of Emerging Markets*, Vol. 11(2). WOS/SCOPUS
32. Thinagar, S., Khalid, N. and Abdulkarim, Z. (2019), The Causal Direction of Equity Returns Volatility: Evidence from Selected Developed and Emerging Market's Economies, *International Journal of Economics and Management*, Vol 13(1), pp. 249-261. SCOPUS
33. Awad, A., Yussof, I. and Khalid, N. (2018), Output Growth of Malaysia's Manufacturing Sector – Do Foreign Workers Matter? *Journal of Economic Studies*. 45(4), pp. 876-895. WOS/SCOPUS
34. Khalid, N., Ahmad, M.A.S., and Hamidi, H.N.A. (2018), Nonlinear monetary policy reaction function in Malaysia: Evidence using a Markov Switching Vector Autoregression, *International Journal of Economics and Management*, Vol 12(1), pp. 189-203.
35. Khalid, N. (2018), Monetary and Fiscal Regimes Policy Rules in a Discrete-Time Model, *Jurnal Ekonomi Malaysia*, Vol. 52(2), pp. 95-108. SCOPUS
36. Khalid, N., Ismail, R., Khain, W.C., Alma'Amun, S., and Hamidi, H.N.A. (2018) Addressing endogeneity problem in estimating economic returns to schooling in Malaysia, *International Journal of Economics and Management*, Vol 12(2), pp. 537-549. SCOPUS
37. Khalid, N., Hamidi, H.N.A., Thinagar, S. and Marwan, N. F. (2018), Crude Palm Oil Price Forecasting in Malaysia: An Econometric Approach, *Jurnal Ekonomi Malaysia*, Vol. 52 (3), pp. 263-278. SCOPUS
38. Hamidi, H.N.A., Khalid, N. and Abdulkarim, Z. (2018), Revisiting relationship between Malaysian stock market index and selected macroeconomic variables using asymmetric cointegration, *Jurnal Ekonomi*

BOOKS / BOOK CHAPTERS (Recent 5 Years)

1. Thinagar, S., Khalid, N. & Abdulkarim, Z. (2023), *Kadar Pulangan dan Kemeruapan Saham Amanah Pelaburan Hartanah (REITs)*, UKM Press.
2. Mokhtar, A., Abdullah Al-hadi, A., Mohd Idris,S.H, Shahiri, H.I., Khalid, N. (2022). *Matematik Untuk Ekonomi Dan Perniagaan*. UKM Press.
3. Khalid, N., M. Helmi Ali, Lyndon, N. & Abd Razak, M.F., (2022) *Pengurusan Kelestarian Minyak Sawit Malaysia*, UKM Press.
4. Bakri Abdul Karim, Aisyah Abdul Rahman, Syajarul Imna Mohd Amin, Khalid, N. (2021). *Shifting Economic, Financial and Banking Paradigm: New Systems to Encounter Covid-19*. 12. Springer International Publishing.
5. K.V.Zainuddin, M.R., Sarmidi, T & Khalid, N. (2021), *Perkongsian Ekonomi Komprehensif Serantau, Halangan dan Potensi Perdagangan*, UKM Press.
6. ZM Makhbul, Khalid, N., Tamat Sarmidi (2021), *Management of Sustainable Palm Oil: Policies and Environmental Considerations*, UKM Press.
7. Wan Farisan, W.S., Abdulkarim, Z. and Khalid, N. (2020), *Fiscal Policy and Economic Growth in Emerging Markets Countries*, UKM Press.
8. Mohd Palel, N.S., Ismail, R., Yussof, I., and Khalid, N. (2020), *Kemahiran dan Upah Dalam Pasaran Buruh Malaysia*, UKM Press.
9. Wan Farisan, W.S., Abdulkarim, Z. and Khalid, N. (2019), The Role of Fiscal Sustainability Indicators in Ensuring Inclusive Growth in Malaysia. In N.A.M. Naseem, W.N.W. Azman Saini and Siong-Hook Law (editor). Research in Applied Economics. UPM Press.

RESEARCH GRANTS (Selected only)

Head of Research Grants

1. Geran Universiti Penyelidikan (GUP-2023) – Transformasi Pengeluaran Pertanian dan Komoditi Berasaskan Makanan dalam Menghadapi Kejutan-Kejutan Ekonomi dan Luaran ke Arah Keterjaminan Makanan. (October 2023 – September 2025)
2. Geran Inovasi Pengajaran dan Pembelajaran (EP-2022-042) – Modul Nilai Diri Graduan (NDGRAD): Pembangunan Manual Sistem Mesra Pengguna (July 2022 – January 2023)
3. Geran Galakan Penerbitan Buku (EP-2021-047) – Kadar Pulangan dan Kemeruapan Saham Amanah Pelaburan Hartanah (REITs) - (December 2021 – December 2022)
4. MPOB-UKM Endowment Chair grant (EP-2020-028) – The Role of Food and Energy Market Structure, Political Risk and Macroeconomic Factors within BRICS in Forecasting Palm Oil Demand (June 2020-June 2022)
5. Geran Inisiatif Penyelidikan (EO-2020-053) Modelling Macroeconomic Impact of Post Covid-19: Small-Scale Macroeconometric Model of Malaysia
6. ERIA (Economic Research Institute for ASEAN and East Asia) Reseach Grant – The impact of NTMs on trade and competitiveness in East Asia. (1 October 2019 – 30 April 2020)
7. MPOB-UKM Endowment Chair grant (EP-2019-010) – The Construction of Market Potential Indicator and Trade Restrictiveness Index for Malaysian Palm Oil Export to The BRI (Belt and Road Initiative) Countries (April 2019-March 2021)
8. Dana Cabaran Perdana (DCP-2017-019/2) – Impak RCEP ke atas Prestasi Makroekonomi dan Aliran Perdagangan Sub Sektor Pasaran Barang dan Komoditi (Feb 2018-Jan 2020)
9. MPOB-UKM Endowment Chair grant (EP-2015-068) – Trade Competitiveness in Malaysia’s Palm Oil Sector (October 2015-Dec 2017)
10. Geran Galakan Penyelidik Muda (GGPM-2013-005) – Active and Passive Policy Rules in an Endogenous Growth Model (May 2013-May 2015)
11. Projek Tindakan/Strategik – Aplikasi LaTeX dalam Penyeliaan dan Penerbitan di Fakulti Ekonomi dan Pengurusan, UKM (June 2012-May 2013)

Member of Research Grants (Selected only)

1. Geran Universiti Penyelidikan (GUP-2021-077) – 3D Food Printing Technology: Hype and Opportunities in Malaysia. (September 2021 – February 2024)
2. FRGS Grant (FRGS/1/2021/SS01/UKM/02/1) – “Advanced Technological Challenges and Drivers in Malaysia Agro-Food Supply Chain: the Case of Blockchain and Big Data” (September 2021 – September 2023)
3. FRGS Grant (FRGS/1/2020/SS01/UKM/02/22) – “Constructing a New Index of Financial Inclusiveness with Financial Technology Element and Non-Parametric Model” (November 2020 – April 2023)
4. Geran Kursi Endowmen MPOB-UKM (EP-2019-012) – Revisiting Oil Palm Supply Chain Network Transportation Cost and Carbon Dioxide Emission Using Gravity Location Model (April 2019 – March 2021)
5. Geran Universiti Penyelidikan (GUP-2018-004) – China Outward Direct Investment (CODI), Spillover Effect and Foreign Shocks on ASEAN+10 Economies (August 2018 – August 2020)
6. FRGS Grant (FRGS/1/2014/SS07/UKM/01/2) – “Constructing Workers’ Ability Index for Determining Returns to Education and Optimal Level of Schooling” (July 2014 – June 2017)
7. FRGS Grant (FRGS/1/2014/SS07/UKM/01/1) – “Dynamic Comparative Modelling on Factors Affecting FDI Inflows between Malaysia and Selected ASEAN+3 Countries” (July 2014 – June 2017)

PROFESSIONAL CONTRIBUTIONS (Recent 5 Years)

1. Invited Speaker, *Macroeconomics Course* at MARA University of Technology (UiTM) Kedah, 25-26 February 2018.
2. Invited Speaker, *Scientific Paper Writing Workshop*, Student Association of FEP (Economics Club), UKM, March 2019.
3. Live Interview, *Kesan COVID-19 pada Ekonomi*, Radio RTM, 14 Februari 2020,
4. Live Interview, *Pakej Rangsangan Ekonomi sebagai Dasar Pemulihan COVID-19*, Radio RTM, 3 April 2020.
5. Live Interview, COVID-19 dan Perusahaan PKS, Radio RTM, 9 April 2020
6. Panel Speaker, Persidangan Kebangsaan Ekonomi Malaysia (PERKEM) 2020, *Covid-19: Cabaran dan Strategi kepada Golongan Marhaen*, 5 Ogos 2020
7. Invited Panel Delegate, *APEC Capacity Building and Policy Dialogue* (Senior Officials’ Meeting SOM 1), Putrajaya, 6-7 February 2020
8. Invited Panel Delegate, *Multistakeholders Dialogue on Post-2020 Vision for APEC*, Putrajaya, 19 February 2020
9. Invited Panelist, Bicara Berita Harian BH, *Belanjawan 2021*, 6 November 2020.
10. Invited Panelist (Moderator) , MPOB-UKM Virtual Forum on *Palm Oil Outlook Post Covid-19: Challenges and Expectations*, 1 February 2021.
11. Invited Speaker, *Strategi Pemulihan Ekonomi Negara Depani Pandemik* at Selamat Pagi Malaysia (SPM), TV1, 20 June 2021.
12. Invited Speaker, *Economic Analysis and Academic Writing* at Universitas Sebelas Maret, Indonesia, 26 May 2021.
13. Live Interview, *Strategi Pemulihan Ekonomi Negara Depani Pandemik* at BERNAMA Radio, 22 June 2021.
14. Invited Speaker, *Survival Sektor Ekonomi Menuju ke Fasa Endemik* at Berita Perdana 8pm, TV1, 12 Sept 2021.
15. Invited Speaker, *Banjir: Impak Psikologi dan Ekonomi* at Selamat Pagi Malaysia (SPM), TV1, 29 December 2021.
16. Invited Speaker, *Jihad Inflasi dan Subsidi: Keperluan Subsidi Bersasar* at Selamat Pagi Malaysia (SPM), TV1, 23 July 2022.
17. Invited Speaker, *Monetary Policy Framework* at INTAN (Diploma Pascasiswazah Pengurusan Awam PTD), 19 April 2022.
18. Invited Speaker, *Pra Belanjawan 2023: Tangani Kos Sara Hidup* at Selamat Pagi Malaysia (SPM), TV1, 23 July 2022.

Editor: Jurnal Ekonomi Malaysia (SCOPUS)

Book Manuscript Reviewer - UPM PresS, UniMap Press & UMT Press

Academic Program – External Reviewer

External Reviewer - Postgraduate program (Master in Economics), UPSI

External Examiner – Bachelor of Business (Hons) in Finance and Economics, Taylor's University

Guest Reviewer for Journals and Conference

Referee for: Economic Modelling, Agriculture, Sustainability, Journal of Economic Studies, Oil Palm Industry Economic Journal, Scientific Report, Journal of Emerging Markets, International Journal of Economics and Management, Institution and Economics, Jurnal Pengurusan, Jurnal Ekonomi Malaysia, Asian Journal of Accounting and Governance, ICEBR etc.