

CURRICULUM VITAE



MOHD YUSOF SAARI

Economics Department
Faculty of Economics and Management

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1. PERSONAL DETAILS

Name: Mohd Yusof Saari
Date of Birth: August 21, 1979
Age: 35
IC Number: 790821-08-6147

2. DESIGNATION/ADDRESS

Present
Appointments: Senior Lecturer
Faculty of Economics and Management

Acting Head of Laboratory
Institut Kajian Dasar Pertanian dan Makanan
(*Institute of Agricultural and Food Policy Studies*)

Addresses: Department of Economics
Faculty of Economics and Management
Universiti Putra Malaysia
Serdang 43400 Selangor
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3. SPECIALIZATION

Development Economics
Input-Output Analysis
Applied General Equilibrium Models

4. EDUCATION

Ph.D in Economics

Dissertation Title: *Income Distribution across Ethnic Groups in Malaysia: Applying Social Accounting Matrices* (Promoter: Prof. dr. H.W.A. Dietzenbacher)
University of Groningen, the Netherlands (March 19, 2015)

Master in Economics

Universiti Putra Malaysia

Bachelor in Economics

Universiti Putra Malaysia
Second Class Honours, Upper Division
Universiti Putra Malaysia

5. WORKING EXPERIENCES

2015 to present	<i>Senior Lecturer</i> Department of Economics Faculty of Economics and Mangement Universiti Putra Malaysia
2003 to 2015	<i>Tutor</i> Department of Economics Faculty of Economics and Mangement Universiti Putra Malaysia
2002-2003	<i>Administrative Officer (Public Relation)</i> Malaysian Highway Authority
1999-2000	<i>Teacher (temporary)</i> Sekolah Menengah Kebangsaan Tekek Pulau Tioman, Rompin, Pahang.
1996-1997	<i>Production operator</i> Kiswire Malaysia Sdn Bhd Pasir Gudang, Johor

6. TEACHING

6.1 Graduate Courses

- Nil

6.2 Undergraduate Courses

No.	Course	Credit Hours	Semester	Number of Students
3.	Principle of Economics (ECN3100)	3	2-2011/2012	24
4.	Malaysian Economy (ECN 3161)	3	2-2010/2011	51
			1-2011/2012	49
			2-2011/2012	50
			1-2012/2013	25
			2-2012/2013	22
			1-2013/2014	52
			2-2013/2014	50
			1-2014/2015	29
5.	Regional Economics (ECN 4161)	3	1-2012/2013	16
			1-2013/2014	41
			1-2014/2015	39
6.	Macroeconomics I (ECN 3105)	3	2-2012/2013	50
			2-2013/2014	46

7. LANGUAGE PROFICIENCY

Very fluent and highly competent in both Bahasa Melayu and English. All undergraduate and graduate courses are taught in English.

8. ADMINISTRATIVE EXPERIENCE AND OTHER RESPONSIBILITIES

8.1 Leadership

May 2014 to present

Acting Head
Quantitative Methods for Policy Analysis Laboratory
Institut Kajian Dasar Pertanian dan Makanan
(*Institute of Agricultural and Food Policy Studies*)
Universiti Putra Malaysia

8.2 Committee Membership

8.2.1 University

No.	Task	Year
1.	Committee member of Internal Audit MS ISO 9001:2000, Faculty of Economics and Management	2004
2.	Chief Invigilator for UPM-IPTS Diploma Program	2004
3.	Committee member of Internal Quality Assurance MS ISO 9001:2000, Faculty of Economics and Management	2005
4.	Committee member of MYEULINK program	2011
5.	Committee member of COPPA Accreditation for Bachelor Ekonomi, Faculty of Economics and Management	2012
6.	Committee member of Bachelor Economic Revision Program, Faculty of Economics and Management	2013
7.	Committee member of Executive Development and Industrial Linkages (EDIL), Faculty of Economics and Management	2013-2015
8.	Guest Editor, PERTANIKA Special Issues, Faculty of Economics and Management	2014
9.	Examination Monitoring Committee for Graduate Projects ECN 5193, Faculty of Economics and Management	2014

8.2.2 National

No.	Task	Year
1.	Member of RMK-9 Technical Working Group for "Income Distribution", Economic Planning Unit	2004
2.	Member of RMK-9 Technical Working Group for "Development of Social Accounting Matrix and Computable General Equilibrium Model (CGEM)", Economic Planning Unit	2005
3.	Committee for "Scientific Writing Workshop", organized by Dewan Bahasa dan Pustaka	2005
4.	Member of RMK-9 Technical Working Group for "Productivity", Economic Planning Unit	2005

5.	Member of Technical Working Group for “Comprehensive National Development Planning using Threshold 21 (T21)”, Economic Planning Unit	2011
6.	Technical Paper Reviewer for “National Research and Innovation Conference for Graduate Students in Social Sciences”	2012
7.	Member of Steering Committee for “Macro-Household Computable General Equilibrium Model (MMH-CGE)”, Economic Planning Unit	2012
8.	Persatuan Ekonomi Pertanian Malaysia (PETA)	2014

8.3 Development of Students Personality

No.	Activity	Type	Organization	Year
1.	Organizing a visit for students ECN 3161 (Malaysian Economy)	Industrial linkages	Malaysian Investment Development Authority (MIDA), Kuala Lumpur	2012
2.	Organizing a visit for Bachelor Economics	Industrial linkages	Iskandar Regional Development Authority (IRDA), Johor	2013
3.	Internship supervisor	Industrial training	Teck Guan Regency, Tawau, Sabah	2013
4.	Internship supervisor	Industrial training	Wisma Perbadanan Labuan, Wilayah Persekutuan Labuan	2013
5.	Seminar on Goods and Services Tax (GST) for ECN 3161	Industrial linkages	Royal Malaysian Customs Department (RMCD)	2013
6.	Economic Talk on Current Economic Progress and Prospect of RMK-11 for ECN 3161	Industrial linkages	Economic Planning Unit	2014
7.	Internship supervisor	Industrial training	Pejabat Perdagangan Dalam Negeri, Koperasi dan Kepenggunaan, Johor	2014
8.	Internship supervisor	Industrial training	FELCRA Bhd, Johor	2014

8.4 Journal Referee

No.	Paper Title/Publisher	Type	Name of Journal/ Organization/Institution	Year
1.	The Economic Impact of Multifunctional Agriculture in the Netherlands	Journal Reviewer	Agricultural Economcis	2011
2.	A Comparative Statics, Partial Equilibrium, Multi-commodity Model for Malaysian Agriculture	Journal Reviewer	Jurnal Ekonomi Malaysia	2012
3.	Top Heavy: a Study on Wealth Distribution in Malaysia	Journal Reviewer	Journal of Income Distribution	2012
4.	Creative Industry's Influence in National Economic Structural Changes of Indonesia	Journal Reviewer	International Journal of Economics and Management	2012
5.	Pekerja Terancam Berdasarkan Standard Minimum Pemburuhan	Journal Reviewer	Jurnal Ekonomi Malaysia	2013
6.	The Impact of Financial Crises and IT Revolution on Income Distribution in Korea: Evidence from Social Accounting Matrices	Journal Reviewer	Telecommunications Policy	2014
7.	Internal Labour Market Mobility in 2005-2011 in Latvia: Micro Data Approach	Journal Reviewer	Economic Modelling	2014
8.	Utilizing Sago to reduce poverty	Journal Reviewer	QALib Journal	2014
9.	Assessing Tourism as Pro-poor: a Social Accounting Matrix Model Applied to Ecuador	Journal Reviewer	Toursim Management	2014
10.	Comparison of Intersectoral Linkages of Oil Palm Industry in Malaysia and Indonesia	Journal Reviewer	Jurnal Ekonomi Malaysia	2015
11.	Is inequality in Malaysia really going down?	Journal Reviewer	Pacific Affairs	2015

9. RESEARCH

No.	Project Title	Role	Year	Source of Fund	Status
1.	Economic Contribution of Malaysian Maritime Sector	Co-Researcher	2005	Maritime Institute (RM43,862.50)	Completed
2.	A General Equilibrium Analysis of Economic Impacts of High Energy Prices in Malaysia	Co-Researcher	2006	Sciencefund (RM70,314)	Completed
3.	Perceptions and Willingness-to-Pay Towards Nanotechnology Products	Co-Researcher	2011	Others (RM50,000)	Completed
4.	Natural Disaster Fatalities and Economic Conditions: an Econometric Inquiry	Co-Researcher	2011	Exploratory Research Grant Scheme (RM70,000)	Completed
5.	Poverty and Distributional Implications of Higher Energy Prices in Malaysia	Co-Researcher	2012	Research University Grant Scheme (RM30,000)	Ongoing
6.	International Outsourcing: Measure and Impacts on Domestic Economy	Co-Researcher	2014	Fundamental Research Grant Scheme (RM78,000)	Ongoing
7.	Impact of Oil and Gas Industry on Socioeconomic Development of the Local Communities in the East Coast Region of Malaysia	Co-Researcher	2014	PETRONAS Research Fund (RM1,235,600)	Ongoing
8.	Jangkaan Impak Kos Pengeluaran dan Kos Sara Hidup Perlaksanaan Goods and Services Tax (GST)	Co-Researcher	2014	Ministry of Education (RM50,000)	Ongoing
9.	Cyber Security Malaysia – Economic Impact Study for RMK-9 and RMK-10	Principal Researcher	2014	RKA Consulting Group (RM10,000)	Ongoing

10. SUPERVISION AND THESIS EXAMINATION

10.1 Supervision of Students (undergraduates)

No.	Name	Degree	Title	Supervisory
1.	Nurzhiana Mohd Yunus	Bachelor	Modeling Impact of Trade on Wage Inequality in Malaysia	Supervisor
2.	Norzi Akma Aziz	Bachelor	Tourism Expenditure and Impact on Income Inequality	Supervisor
3.	Dg SitiManirahMantijoh	Bachelor	Source of Demand for Foreign Labors in Malaysia	Supervisor
4.	NilaFakhriahFahrurRazi	Bachelor	Analyzing Virtual Water Trade in Malaysia	Supervisor
5.	Pravina A/P Ganesan	Bachelor	The Relationship between National Debt and Economic Growth in Malaysia	Supervisor
6.	Balantine Pungga	Bachelor	Decomposition of CO2 Embodied in Manufactured Goods in Malaysia	Supervisor
7.	Salmah Awang	Bachelor	Price Implication on Minimum Wage: the Role of Mining Sector in Malaysia	Supervisor
8.	Teow Fei Hua	Bachelor	Measuring the Embodied Waste among Industries in Malaysia	Supervisor
9.	Chakrin Utit	Bachelor	Measuring Impacts of Exports of Palm Oil Biodiesel on Direct and Indirect Land-use Changes in Malaysia	Supervisor

10.2 Thesis Examination

10.2.1 Internal Examiner

- Nil

10.2.2 Chairman of Examination Committee

- Nil

11. PUBLICATIONS

11.1 Journal Articles

1. **Mohd Yusof Saari**, Erik Dietzenbacher and Bart Los. 2015. Sources of income growth and inequality across ethnic groups in Malaysia, *World Development* (conditional acceptance). (SSCI, Q1)
2. **Mohd Yusof Saari**, Erik Dietzenbacher and Bart Los. 2014. Production interdependencies and poverty reduction across ethnic groups in Malaysia, *Economic Modelling*, 42, 148-158. (SSCI, Q2)
3. **Mohd Yusof Saari**, Erik Dietzenbacher and Bart Los. 2014. Income distribution across ethnic groups in Malaysia: results from a new social accounting matrix, *Asian Economic Journal*, 28(3), 259-278. (SSCI, Q3)
4. **Mohd Yusof Saari**, Azman Hassan, Muhammad Daaniyall Abd Rahman and Azali Mohamed. 2014. Evaluating relative performances of RAS and Cross-entropy techniques in updating Malaysian input-output tables, *Malaysian Journal of Economic Studies*, 51(2), 77-89. (Scopus)
5. Md. Sujahangir Kabir Sarkar, Rawshan Ara Begum, Joy Jacqueline Pereira, Abdul Hamid Jaafar and **Mohd Yusof Saari**. 2014. Impacts of and adaptations to sea level rise in Malaysia, *Asian Journal of Water, Environment and Pollution*, 11(2), 29-36.(Scopus)
6. **Mohd Yusof Saari** and Emmy Farha Alias. 2013. The importance of agriculture sector to the Malaysian economy: analysis of inter-industry linkages. *Pertanika Journal of Social Science and Humanities*, 21, 173-188. (Scopus)
7. **Mohd Yusof Saari**, Azman Hassan and Rusmawati Said. 2013. Who gain and lose from minimum wage policy? *Jurnal Ekonomi Malaysia*, 47(2).(Scopus)
8. **Mohd Yusof Saari** and Jiansuo Pei. 2013. Skill-biased export growth: accounting for the changes in labor content across ethnic groups in Malaysia, 1991-2000. *Singapore Economic Review*, 58(2),1350010. (SSCI, Q4)
9. **Mohd Yusof Saari**, Norhayati Shuja' and Ismail Abdul Rahman. 2013. An evaluation of impacts of the current rise in energy prices on costs of production and living expenses in Malaysia. *Malaysian Journal of Economic Studies*, 50(1). (Scopus)
10. Fatimah Mohamed Arshad, Kusairi Mohd Noh and **Mohd Yusof Saari**. 2013. Small and Medium Food Enterprises in Malaysia: Institutional Support and Policy Perspectives. *SAGE Journals - Millennial Asia*, 4(2), 185.
11. Norlaila Abdullah Chik, Khalid Abdul Rahim, **Mohd Yusof Saari** and Emmy Farha Alias. 2012. Changes in Consumer Energy Intensity in Malaysia. *International Journal of Economics and Management*, 6(2): 221-240.(Scopus)
12. **Mohd Yusof Saari**. 2011. Sectoral Growth and the Distribution of Income across Ethnic Groups in Malaysia. *Journal of Income Distribution*, 20(1), 29-48. (Scopus)
13. **Mohd Yusof Saari** and Zakariah Abd Rashid. 2009. Pembangunan Jadual Input-Output Wilayah dan Analisis ke atas Struktur Industri Selangor. *International Journal of Management Studies*, 16(1), 1-30.

14. **Mohd Yusof Saari**, Alias Radam and Amin Mahir Abdullah. 2008. The Impacts of Increase in the Domestic Petroleum Prices on Cost Production in the Agricultural and Agro-Based Sectors. *International Journal of Business and Society*, 9 (1), 37-52. (Scopus)
15. **Mohd Yusof Saari** and Zakariah Abd Rashid. 2007. Fix-or Flex-Price Behavior?: Evidence From The Malaysian Manufacturing Sector. *Philippine Review of Economics*, 44(2), 111-124
16. **Mohd Yusof Saari**, Ahmad Fauzi Puasa and Khairul Hisyam, H. 2007. The Impact of World Crude Oil Price Changes on the Malaysian Economy: and Input-Output Analysis. *Malaysian Journal of Economic Studies*, 44(1), 1-12. (Scopus)
17. **Mohd Yusof Saari**. 2007. The Economic Impact of China's Industrialisation on ASEAN: and Inter-Regional Approach. *Malaysian Journal of Economic Studies*, 44(2), 51-66. (Scopus)
18. **Mohd Yusof Saari** and Zakariah Abd Rashid. 2007. The Impact of Increase in Energy Prices on Sectoral Costs of Production of the Malaysian Economy. *International Journal of Management Studies*, 14(2), 75-91.
19. **Mohd Yusof Saari**. 2007. Testing Validity of the Leontief Hypothesis by Using Alternative Forecasting Techniques. *Journal of International Economic Review*, 1(2), 139-152. (Scopus)
20. Norlaila Abdullah Chik, Zakariah Abd Rashid and **Mohd Yusof Saari**. 2007. Estimating Cost Savings through Adoption of the Best-Practice Technique: Evidence from the Malaysian Manufacturing Sector. *International Journal of Management Studies*, 14(2), 1-16
21. **Mohd Yusof Saari** and Zakariah Abd Rashid. 2006. The Impact of Increase in Domestic Petroleum Prices on Costs of Production. *International Journal of Economics and Management*, 1(1), 25-41
22. **Mohd Yusof Saari** and Zakariah Abd Rashid. 2006. Kesan Turun Naik Perdagangan Ke Atas Penciptaan Guna Tenaga Industri Elektrik dan Elektronik di Malaysia, 1991-2001. *International Journal of Management Studies*, 13(1), 175-192

11.2 Books

1. **Mohd Yusof Saari** and Zakariah Abdul Rashid. (2006). *Analisis dan Aplikasi Input-Output*. Dewan Bahasa dan Pustaka: Kuala Lumpur.
2. **Mohd Yusof Saari** (2014). *Input-Output Analysis: Foundations and Applications for Policy Analysis in Malaysia*. University Malaya Press: Kuala Lumpur.
3. **Mohd Yusof Saari** (2015). *Income Distribution across Ethnic Groups in Malaysia: Applying Social Accounting Matrices*. University of Groningen: Enschede.

11.3 Chapter in Books

1. **Mohd Yusof Saari**, Alias Radam and Amin Mahir Abdullah. 2008. The Role of the Agricultural Sector in the Malaysian Economy In : (Ed., Alias Radam and Mohd Rusli Yacob), *The Malaysian Agricultural Sector: Strategies and Challenges*. UPM, Press. Pp. 1-27.

2. **Mohd Yusof Saari**, Azman, H., Hanidza, T.T.I, and Fakriah, N.F.R. (2013). Does Trade in Industrial Products have the Potential to Improve Distribution of Global Virtual Water In: (Ed., A.Z. Aris, T.H. Tengku Ismail, R. Harun, A.M. Abdullah, M.Y. Ishak), *From Sources to Solution*, Springer, page 89-93.

11.4 Articles under Review

1. **Mohd Yusof Saari**, Erik Dietzenbacher and Bart Los. *Sources of income growth across ethnic groups in Malaysia, 1970-2000*. A paper submitted to the *World Development* (SSCI).
2. **Mohd Yusof Saari**, Erik Dietzenbacher and Bart Los. *The impacts of higher petroleum prices on income distribution across ethnic groups in Malaysia*. A paper submitted to the *Ecological Economics* (SSCI).
3. Azman Hassan, **Mohd Yusof Saari** and Muzafar Shah Habibullah. *Estimating impacts of minimum wages on poverty across ethnic groups in Malaysia*. A paper submitted to the *Economic Modelling* (SSCI).

11.5 Research Reports

1. Zakariah, Abdul Rashid, **Mohd Yusof Saari** and Ahmad Fauzi Puasa (2006). *Construction of a Social Accounting Matrix (SAM) and its Application to the Analysis of Income Distribution in Malaysia*. A report submitted to the Economic Planning Unit, Malaysia
2. Tai, Sze Yew, **Mohd Yusof Saari** and Ahmad Fakhruddin (2006). *The contribution of the Maritime Sector to the Malaysian Economy*. A report submitted to the Maritime Institute of Malaysia
3. Zakariah, Abdul Rashid, **Mohd Yusof Saari** and Ahmad Fauzi Puasa (2006). *Kajian Input-Output Wilayah: Konsep Asas dan Aplikasi bagi Negeri Selangor*. A report submitted to the Selangor Economic Planning Unit, Malaysia.
4. Zakariah Abdul Rashid and **Mohd Yusof Saari** (2007). *GLC contribution to the National Economy and its Economic Impact*. A report submitted to Khazanah Nasional Bhd, Malaysia.
5. **Mohd Yusof Saari** (2008). *Updating and Estimating a Social Accounting Matrix for Malaysia*. A report submitted to the Economic Planning Unit, Malaysia.
6. Rusmawati Said, **Mohd Yusof Saari** and Asmaddy Haris (2012). *Enhance the Human Resources Development Modeling System Focusing on the Manpower Requirement Approach at the Sub-sector Level*. A report submitted to Institute of Labour Market Information and Analysis.
7. Fatimah Mohamed Arshad, Kusairi Mohd Nor and Mohd Yusof Saari (2012). *Prices and Strategies for the Development of Small Scale Food Enterprises in Malaysia*. A report submitted to Food and Agriculture Organization (FAO)
8. **Mohd Yusof Saari** and Kamarudin Mohd Nor (2013). *Malaysia trade ranking projection in 2020*. A report submitted to Malaysia External Trade Development Corporation (MATRADE)

9. **Mohd Yusof Saari** and Kamarudin Mohd Nor (2013). *Baseline study of awareness of CA2010 in Malaysia*. A report submitted to Malaysia Competition Commission.
10. Rusmawati Said, **Mohd Yusof Saari** and Asmaddy Haris (2013). *Manpower and Economic Development Integrated System*. A report submitted to Institute of Labour Market Information and Analysis.
11. Zukarnain Zakaria, Asan Ali Golam Hassan, **Mohd Yusof Saari**, Abdul Hamid Jaafar, Zakaria Bahari, Saidatulakmal Mohd and Megat Ahmad Kamaluddin Megat Daud (2013). *Sports Industry in Malaysia: Contribution towards the Malaysian Gross Domestic Product*. A report submitted to Malaysian Institute for Research in Youth Development, Ministry of Youth and Sports.
12. Ahmad Ismail, **Mohd Yusof Saari**, Muzafar Shah Habibullah and Lailawati Mohd Salleh (2014). *Economic Review on Impacts of Sugar-seetned Excise Tax Imposition on the Malaysian Economy*. A report submitted to Federation of Malaysian Manufacturers.
13. Rusmawati Said, **Mohd Yusof Saari** and Asmaddy Haris (2014). *Study on Supply and Demand for Professional Occupations in Meeting the Need of a High Income Economy in 2020*. A report submitted to Institute of Labour Market Information and Analysis.
14. M. Yussoff Ibrahim, **Mohd Yusof Saari**, Zainal Ariffin Ahmad, Ahmad Shuiband Shahrin Anwar Sulaiman (2014). *Economic Assessment of Wilayah Perak Selatan*. A report submitted to PerbadananKemajuanNegeri Perak.
15. Fatimah Mohamed Arshad, KusairiMohd Noh, Khalid Abdul Rahim, Amna Awad Abdeel Hameed, Bala Bilash Kanti, TeyYeong Sheng , **Mohd Yusof Saari**, Ng Keng Yap, Intan Nudiah Mohd Haris, Nurhafizah Mohamed and Fatin Fadhillah Mat Ayob (2014). *Performance and Development Strategies for Malaysia's Cocoa Industry*. A report submitted to the Ministry of Plantation, Industry and Commodity.

12. CONSULTANCY

No.	Project Title	Role	Year	Source of Fund
1.	Study on supply and demand for professional occupations in meeting the need of a high income economy in 2020	Consultant	2014	Institute of Labour Market Information and Analysis (ILMIA)
2.	Performance and development strategies for Malaysia's cocoa industry	Consultant	2014	Ministry of Plantation, Industry and Commodity (MPIC)
3.	Economic assessment of Wilayah Perak Selatan	Consultant	2014	PerbadananKemajuanNegeri Perak (PKNP)
4.	Integration studies on manpower planning in multisectoral framework	Consultant	2013	Institute of Labour Market Information and Analysis (ILMIA)
5.	Study on impact of exports to the Malaysian economy	Consultant	2013	Malaysia External Trade Development Corporation (MATRADE).
6.	Baseline study on awareness of Competition Act 2010 in Malaysia	Consultant	2013	Malaysia Competition Commission (MyCC).
7.	<i>Exit Policy</i> research for Bumiputera Development Programme	Consultant	2012	Economic Planning Unit (EPU)
8.	Malaysia trade ranking projection in 2020	Consultant	2012	Malaysia External Trade Development Corporation (MATRADE)
9.	Manpower and economic development integrated systems	Consultant	2012	Institute of Labour Market Information and Analysis (ILMIA)
10.	Studies on measuring the contribution of sport activities on gross domestic product	Consultant	2012	Malaysian Institute for Research in Youth Development
11.	Updating and estimating a social accounting matrix for Malaysia	Principal Consultant	2008	Economic Planning Unit (EPU)
9.	GLC contribution to the national economy and its economic impact	Consultant	2007	KhazanahNasional

10.	Regional input-output study: a basic concept and applications in case of Selangor	Consultant	2006	Selangor Economic Planning Unit
11.	Construction of a social accounting matrix (SAM) and its application to the analysis of income distribution in Malaysia	Consultant	2005	Economic Planning Unit (EPU)

13. PROFESSIONAL PRESENTATIONS

13.1 Keynote Addresses

- Nil

13.2 Conferences Presentation

1. "Introduction to Software Development for Input-Output Analysis", Annual Faculty of Economics and Management Conference, November 30 – December 01, 2005, Kuala Lumpur.
2. "An Inter-industry Analysis of the Maritime Sector Contribution to the Malaysian Economy", Annual Faculty of Economics and Management Conference, November 30 – December 01, 2005, Kuala Lumpur.
3. "Social Accounting Matrix and Computable General Equilibrium Models: Data Needs and Policy Analysis for Better Planning", Annual Faculty of Economics and Management Conference, November 30 – December 01, 2005, Kuala Lumpur.
4. "The Impact of Growth on Income Distribution among the Malaysian Ethnic Groups: A SAM Approach", 16th International Input-Output Conference, July 02-06, 2007, Istanbul, Turkey.
5. "Growth, Poverty and Distribution: a SAM Approach", International Input-Output Meeting, July 09-11, 2008, Seville, Spain.
6. "Structural Change and Income Distribution across Ethnic Groups: a SAM Decomposition Approach", EUNIOS Workshop on Agricultural Policies and Social Accounting Matrices in Developing Countries, September 03, 2008, Groningen, the Netherlands.
7. "Growth, Poverty and Distribution: a SAM Approach", 2nd Sino-Netherlands Workshop on Input-Output Technique, October 20-21, Beijing, China.
8. "Structural Change and Income Distribution across Ethnic Groups", Inaugural Conference CRC-PEG, July 01-03, 2009, Gottingen, Germany.
9. "Statistical Bases for Income Representation in a Social Accounting Matrix: using Household Heads versus Economically Active Households", 17th International Input-Output Conference, July 13-17, 2009, Sao Paulo, Brazil.

10. "Economy-wide Impacts of Higher Energy Prices on Household Cost of Living: an Extended SAM Price Model", 18th International Input-Output Conference, June 20-25, 2010, Sydney, Australia.
11. "Sources of Growth in Income and Inequality among Ethnic Groups in Malaysia for 1970-2000", 31st General Conference of International Association for Research in Income and Wealth, August 22-28, 2010, St. Gallen, Switzerland.
12. "Analyzing Impacts of Growth in Production Sectors in Poverty across Ethnic Groups in Malaysia: using an Extended Multiplier Decomposition Technique, 19th International Input-Output Conference, July 13-17, 2011, Alexandria, USA.

13.3 Workshops Attended

No.	Year	Event	Level	Location
1.	2005	National Seminar on Poverty Eradication through Empowerment	International	Kuala Lumpur
2.	2005	Forum on China and India: Strategizing Malaysia's Competitive Position	International	Putrajaya
3.	2008	EUNIOS Workshop	International	Groningen, the Netherlands
4.	2008	EUNIOS Workshop on Agricultural Policies and Social Accounting Matrices in Developing Countries	International	Groningen, the Netherlands
5.	2012	Conference on Modernization of Labor Legislation and Dispute Resolution Process	International	Kuala Lumpur
6.	2014	Productivity Competitiveness Conference	International	Shah Alam

13.4 Training Attended

No.	Course Title	Organizer	Type	Level
1.	System Dynamic Modeling for Policy Analysis – Threshold 21 (T21)	Economic Planning Unit	Professional	International
2.	Introduction to Panel Data Analysis	Department of Economics, UPM	Professional	University
3.	Sustainability Modeling Course, UNU-IIST	UNU-IIST	Professional	International
4.	Crash Course and Advanced Topics in Input-Output	Economic Planning Unit	Professional	National

Analysis

5.	Kursus Penyusunan Statistik Pencemaran	Department of Statistics Malaysia	Professional	National
6.	Sub-regional Course – System of Environmental-Economic Accounting (SEEA)	Department of Statistics Malaysia and Statistical Institute for Asia and the Pacific (SIAP)	Professional	International

14. PROFESSIONAL SERVICES (NATIONAL AND INTERNATIONAL)

1. **Trainer** for SPSS workshop for BBI5201 (Research Methods in Language Studies), Fakulti Bahasa ModendanKomunikasi, UPM, 2004.
2. **Member of RMK-9 Technical Working Group** for “Income Distribution”, Economic Planning Unit, 2004.
3. **Member of Steering Committee** for “Development of Social Accounting Matrix and Computable General Equilibrium Model (CGEM)”, Economic Planning Unit, 2005.
4. **Member of RMK-9 Technical Working Group** for “Growth with Distribution”, Economic Planning Unit, 2005.
5. **Member of RMK-9 Technical Working Group** for “Productivity”, Economic Planning Unit, 2005.
6. **Speaker** for seminar “Rancangan Malaysia ke-9 – cabaran dan penglibatan orang-orang Melayu”, organized by Malay Chamber of Commerce Malaysia, 2006
7. **Chairman parallel session** for International Input-Output Conference, 2007.
8. **Trainer** to Economic Planning Unit on “Input-Output Analysis and Social Accounting Matrix”, 2009.
9. **Technical advisor** to the Department of Statistics Malaysia in developing “Social Accounting Matrix” for Malaysia, 2009.
10. **Chairman parallel session** for International Input-Output Conference, 2009.
11. **Chairman parallel session** for International Input-Output Conference, 2010.
12. **Advisor and Collaborator** to the Department of Statistics Malaysia for “System of Integrated Environment and Economic Account (SEEA)”, 2011.
13. **Member of Technical Working Group** for “Comprehensive National Development Planning using Threshold 21 (T21)”, Economic Planning Unit, 2011.
14. **Speaker and Trainer** to Malaysian Palm Oil Board on “Input-Output Analysis and its Application for Measuring Indirect Land-use Change”, 2011.

15. **Mentor** for project “A Study on Approaches of Estimating Indirect Land-use Change in GHG Balances of Palm Biodiesel”, Malaysian Palm Oil Board, 2011.
16. **Trainer** to Department of Statistics Malaysia on “Penyusunan Statistik Pencemaran”, 2012.
17. **Member of Steering Committee** for “Macro-Household Computable General Equilibrium Model (MMH-CGE)”, Economic Planning Unit, 2012.
18. **Research Associate** for Institute for Research in Youth Development, Ministry of Youth and Sports, 2013.
19. **Trainer** to Institute of Labour Market Information and Analysis on “Introduction to Input-Output Analysis and its Application for Labour Demand”, 2013.
20. **Trainer** to Faculty of Economics and Business, UNIMAS on “Input-Output Analysis for Regional Development”, 2013.
21. **Local expert** to the Department of Statistics Malaysia and United Nations Statistical Institute for Asia and the Pacific (SIAP) for “Sub-regional Course – System of Environmental-Economic Accounting (SEEA)”, 2013.
22. **Expert panel** discussion to Economic Planning Unit and IHS Global Inc. on “The Study to Formulate an Energy Policy for Malaysia (2013-2050)”, 2013.
23. **Trainer** to Institute of Labour Market Information and Analysis on “Green Jobs: Concepts and Methodologies”, 2014.
24. **Trainer** to Malaysia External Trade Development Corporation on “Input-Output for Trade Analysis”, 2014.
25. **Advisor** to the Department of Statistics Malaysia for “System of Integrated Environment-Economic Accounting (SEEA)”, 2014.
26. **Trainer** to the various agencies on “Introduction to Input-Output Analysis” course that developed and conducted at Institute of Agricultural and Food Policy Studies, 2014.
27. **Trainer** to the various agencies on “Applied General Equilibrium Models for Policy Analysis” course that developed and conducted at Institute of Agricultural and Food Policy Studies, 2014.
28. **Member** of Strategic Research under Prime Minister Department, 2014.
29. **Member** of Roundtable Meeting on “Net Exports”, organized by Malaysia External Trade Development Corporation and Ministry of International Trade and Industry, 2014.
30. **Trainer** to Khazanah Research Institute on “Introductory course on input-output analysis” a course that developed and conducted at Khazanah Research Institute, Kuala Lumpur, 2015.

15. PROFESSIONAL MEMBERSHIPS

Status	Association
Member	International Input-Output Association, IIOA (2006 to present)
Member	European Network for Input-Output Studies, EUNIOS (2009 to present)
Member	International Association for Research in Income and Wealth, IARIW (2010 to present)

16. PRIZES AND AWARD

1. Pameran Rekacipta, Penyelidikan dan Inovasi Universiti Putra Malaysia (2008)
 - The impact of increase in energy prices on sectoral costs of production of the Malaysian Economy (Gold medal)
 - The economic impacts of China's industrialization on ASEAN: an inter-regional approach (Bronze medal)
 - The impact of increase in domestic petroleum prices on costs of production (Bronze medal)
2. Travel grant of USD2,500 for International Input-Output Conference in Alexandria, Virginia, USA, June 11-17, 2010.

17. INTERNATIONAL NETWORKING

1. Funded by **University of Groningen** to attend the *16th International Input-Output Conference* in Istanbul, Turkey, 2-6 July, 2007.
2. Funded by **University of Groningen** to attend the *International Input-Output Meeting on Managing the Environment* in Seville, Spain, 9-11 July, 2008.
3. Funded by **the government of Netherlands** to attend the *2nd Sino-Netherlands Workshop on Input-Output* in Beijing, China, 20-21 October, 2008.
4. Funded by **Georg-August-Universität, Göttingen** to attend the *Inaugural Conference CRC-PEG* in Göttingen, Germany, 1-3 July, 2009.
5. Funded by **University of Groningen** to attend the *17th International Input-Output Conference* in Sao Paulo, Brazil, 13-17 July, 2009.
6. Funded by **University of Groningen** to attend the *PEGNet Conference 2009: Policies for Reducing Inequality in the Developing World* in The Hague, the Netherlands, 3-4 September, 2009.
7. Funded by **International Association for Research in Income and Wealth** to attend the *31st General Conference* in St. Gallen, Switzerland, 22-28 August, 2010.
8. Funded by **University of Groningen** to attend the *18th International Input-Output Conference* in Sydney, Australia, 20-25 June, 2010.

9. Funded by **International Input-Output Association** to attend the *19th International Input-Output Conference* in Alexandria, Virginia, USA 13-17 March, 2011.
10. Member of International Input-Output Association
11. Member of European Network for Input-Output Studies, EUNIOS
12. Member of International Association for Research in Income and Wealth

18. POLICY CONTRIBUTIONS

1. ***Consultant in the project led by Zakariah Abdul Rashid (2006)***
Construction of a Social Accounting Matrix (SAM) and its Application to the Analysis of Income Distribution in Malaysia. This project funded by the Economic Planning Unit (EPU). The project develops a new social accounting matrix for Malaysia and applied it for income distribution analysis. The results from the study had been used for policy and strategy formulation in the RMK-9 with respect to growth and income distribution.
2. ***Researcher in the project led by Tai Sze Yew (2006)***
The contribution of the Maritime Sector to the Malaysian Economy. This project funded by the Maritime Institute of Malaysia (MIMA). The project develops a new multi-sectoral model for maritime industries in Malaysia and applies the model for quantifying the economic contribution of maritime industries. The results justify whether the maritime industries have large contribution to the Malaysian economy.
3. ***Consultant in the project led by Zakariah Abdul Rashid (2006)***
Kajian Input-Output Wilayah: Konsep Asas dan Aplikasinya bagi Negeri Selangor. This project funded by State of Selangor. The project develops a regional input-output table and applies it for the analysis of economic growth in the state of Selangor. The results provide direction for investment and growth promotion strategies in Selangor.
4. ***Consultant in the project led by Zakariah Abdul Rashid (2007)***
GLC contribution to the National Economy and its Economic Impact. This project funded by Khazanah Nasional. The project assesses the economic contribution of GLCs on the Malaysian economy. The results justify the current contribution of GLCs and provide direction for investment and growth that benefits the economy.
5. ***Principal consultant (2008)***
Updating and Estimating a Social Accounting Matrix for Malaysia. This project funded by Economic Planning Unit (EPU). The project updates a social accounting matrix for Malaysia and used it for assessing the progress of RMK-9.
6. ***Technical advisor to Department of Statistics Malaysia (2009)***
Social Accounting Matrix for Malaysia in 2005. This project funded and led by the Department of Statistics Malaysia. This project constructs a new social accounting matrix for Malaysia and the candidate has provided technical assistants to the Department of Statistics Malaysia. The social accounting matrix that constructed had been used by the Economic Planning Unit, Ministry of Finance and other agencies for policy assessment tool.
7. ***Consultant in the project led by Rusmawati Said (2012)***
Enhance the Human Resources Development Modeling System Focusing on the Manpower Requirement Approach at the Sub-sector Level. This project funded by Institute of Labour Market Information and Analysis (ILMIA). The project develops a comprehensive model for

demand and supply of various labor categories in Malaysia. The results had been used to monitor and evaluate economic impacts on labor demand and supply.

8. **Researcher in the project led by Fatimah Mohamed Arshad (2012)**
Prices and Strategies for the Development of Small Scale Food Enterprises in Malaysia. This project funded by Food and Agriculture Organization (FAO). The project assesses the current and past contribution of food small and medium enterprises in Malaysia. It also provides challenges and future impacts for food small and medium enterprises.
9. **Consultant in the project led by Kamarudin Mohd Nor (2013)**
Malaysia trade ranking projection in 2020. This project funded by the Malaysia External Trade Development Corporation (MATRADE). The project provides forecast for future trade ranking of Malaysia in the world. The results provide direction to the government to strategize export performance in particular in high intensified competition from new emerging economies.
10. **Consultant in the project led by Kamarudin Mohd Nor (2013)**
Baseline study of awareness of CA2010 in Malaysia. This project funded by the Malaysia Competition Commission. The project assesses the level of awareness of industries on the implementation of Competition Act 2010 in Malaysia. Formulation of Competition Act 2010 is mainly to attract foreign investors and thus evaluating the awareness among industries is vital. Results from this study also evaluate the current awareness programs of Malaysia Competition Commission.
11. **Consultant in the project led by Rusmawati Said (2013)**
Manpower and Economic Development Integrated System. This project funded by the Institute of Labour Market Information and Analysis (ILMIA). The project integrates various models for demand and supply of labors in a single framework. The database and the models that developed in this project end up with policy monitoring tool for the ILMIA.
12. **Consultant in the project led by Zukarnain Zakaria (2013)**
Sports Industry in Malaysia: Contribution towards the Malaysian Gross Domestic Product. This project funded by the Malaysian Institute for Research in Youth Development. The project quantifies the contribution of sports related industries on the Malaysian economy. Results suggest that the contribution of sports industry is considerable and it can be a new source of growth for the Malaysian economy. Results had been tabled to the Economic Planning Unit and so that it can be included in the RMK-11.
13. **Researcher in the project led by Ahmad Ismail (2014)**
Economic Review on Impacts of Sugar-sweetened Excise Tax Imposition on the Malaysian Economy. This project funded by Federation of Malaysian Manufacturers (FMM). The Malaysian government is planned to introduce excise tax on sugar-sweetened beverages. This project assesses whether the introduction of the excise tax would benefit the overall economy taking into account the benefits and losses from the tax imposition. Results suggest that the excise should not be introduced as it will cause more losses than the benefits.
14. **Consultant in the project led by Rusmawati Said (2014)**
Study on Supply and Demand for Professional Occupations in Meeting the Need of a High Income Economy in 2020. This project funded by the Institute of Labour Market Information and Analysis (ILMIA). The project examines the need for future demand and supply of high-skilled labors in Malaysia. Results show that the government target for future high-skilled labors may not be achieved.
15. **Consultant in the project led by M. Yusoff Ibrahim (2014)**

Economic Assessment of Wilayah Perak Selatan. This project funded by PerbadananKemajuanNegeriperak (PKNP). The project assesses the future development projects that planed in Wilayah Perak Selatan (WPS). Results from this study are used by PNKP to request approval from the Economic Planning Unit and most importantly to include in RMK-11.

16. Consultant in the project led by Fatimah Mohamed Arshad (2014)

Performance and Development Strategies for Malaysia's Cocoa Industry. This project funded by the Ministry of Plantation, Industry and Commodity (MPIC). The project quantifies the past and current contribution of cocoa industry to the Malaysian economy. Results provide direction to the MPIC with respect to the future development of cocoa industry in Malaysia.

19. REFERENCES

1. Prof. dr. Erik Dietzenbacher

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