

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (<i>Personal Details</i>)	
NAMA PENUH (<i>Full Name</i>)	AMIR HAMZAH SHARAAI
JABATAN / FAKULTI (<i>Department / Faculty</i>)	EMEL DAN TELEFON (<i>Email and Telephone</i>)
Department of Environmental Mangement Faculty of Environmental Studies Universiti Putra Malaysia 43400 UPM Serdang Selangor Darul Ehsan	EMAIL ✉: amirsharaai@upm.edu.my TEL ☎: +603 - 8946 8031 (Office) FAX 📠: +603 - 8946 7468

B. KELAYAKAN AKADEMIK (<i>Academic Qualification</i>)			
NAMA SIJIL/ KELAYAKAN <i>Certificate / Qualification Obtained</i>	NAMA INSTITUSI <i>Name Of Institution</i>	TAHUN <i>Year</i>	BIDANG PENGKHUSUSAN <i>Area Of Specialization</i>
Doctor of Philosophy (PhD)	University of Malaya (UM)	2011	Life Cycle Assessment (LCA)
Master of Education (MEd)	Universiti Pendidikan Sultan Idris (UPSI)	2005	Biology Education
Bachelor of Education (Hons) (BEd)	Universiti Sains Malaysia (USM)	2001	Biology Education
Certificate of Teacher Training	Maktab Perguruan Persekutuan Pulau Pinang (MPPPP)	1993	Early Childhood Education

C. KEMAHIRAN BAHASA (<i>Language Proficiency</i>)					
Bahasa / <i>Language</i>	Lemah / <i>Poor</i>	Sederhana / <i>Moderate</i>	Baik / <i>Good</i>	Amat Baik / <i>Very good</i>	Cemerlang / <i>Excellent</i>
Melayu / <i>Malay</i>					X
Inggeris / <i>English</i>			X		
Lain-lain (<i>other</i>):					

D. PEKERJAAN (<i>Employment</i>)				
MAJIKAN <i>Employer</i>	JAWATAN <i>Designation</i>	JABATAN <i>Department</i>	TARIKH LANTIKAN <i>Start Date</i>	TARIKH TAMAT <i>Date Ended</i>
Ministry Of Education	Teacher (Science & Math)	Sek. Keb. Sungai Ramai, Ayer Tawar, Perak	1993	2001
Ministry Of Education	Teacher (Biology & Science)	Sek. Men. Keb. Methodist, Ayer Tawar, Perak	2001	2010
Ministry Of Education	Lecturer (Biology & Education)	Institut Pendidikan Guru, Kampus Tuanku Bainun, Bukit Mertajam	2010	2012
Universiti Putra Malaysia (UPM)	Senior Lecturer (Env. Management)	Department Of Environmental Management, Faculty of Environmental Studies, UPM	1 ST JUNE 2012	PRESENT

E. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN (<i>Scientific Experience and Specialization</i>)				
ORGANISASI <i>Organization</i>	TUGAS <i>Position</i>	TARIKH MULA <i>Start Date</i>	TARIKH TAMAT <i>End Date</i>	BIDANG KEPAKARAN <i>Expertise</i>
SIRIM	Jawatankuasa Standard Perindustrian Pengurusan Alam Sekitar (ISC Z)	1 Januari 2017	31 Disember 2019	Environmental Management Systems
Journal of Tourism, Hospitality and Environmental Management (JTHEM)	Editor	1 Nov 2016	31 Oct 2017	Life Cycle Assessment (LCA) Environmental Management
Panel Penilai Universiti bagi Program Pengajian	Panel of Assessor	01 Sept 2016	30 August 2018	Audit bagi mengekalkan status swaakreditasi
Panel Penilai Universiti bagi Program Pengajian	Panel of Assessor	01 Sept 2014	30 August 2016	Audit bagi mengekalkan status swaakreditasi
Society of Environmental Toxicology and Chemistry (SETAC)	Member	2013	2014	Life Cycle Assessment (LCA)

F. ANUGERAH DAN HADIAH (Honours and Awards)				
Name of awards	Title	Award Authority	Award Type	Year
Academic Awards	Anugerah Penerbitan Buku – Hari Kualiti 2017	UPM	FPAS	2017
	Anugerah Kecemerlangan Pengajaran dan Pembelajaran – Hari Kualiti 2017	UPM	FPAS	2017
	Anugerah Inovasi Pendidikan – Hari Kualiti 2017	UPM	FPAS	2017
	Anugerah Perkhidmatan Cemerlang	UPM	UPM	2016
	Geran Sanjungan Penyelidikan Tajuk Penyelidikan: Identifying environmental hotspot on rice commodity system by using life cycle assessment (LCA) and environmental life cycle costing (ELCC) to ensure sustainable Malaysia Food Security. RM3644	UPM	National	2015
	Anugerah Perkhidmatan Cemerlang	UPM	UPM	2013
Non-Academic Awards	Peserta Terbaik Pertandingan Amalan 5s (Ruang Kerja Individu) – Hari Kualiti 2017	UPM	FPAS	2017
Awards of Merit				

G. SENARAI PENERBITAN (List of Publication)	
Journals	<ol style="list-style-type: none"> Nur Syahirah Samsuddin, Amir Hamzah Sharaai and Mohd Mansor Ismail. Sustainability of Chicken Meat Production in Achieving Food Security in Malaysia. Advance in Environmental Biology. Vol 9 (23)(2015) pp 1-6 Amir Hamzah Sharaai, Mohd Zulfadhli Mat Zainol, and Khairul Izzuddin bin Muhammad, Towards A Green Quail Meat Production through Life Cycle Perspective, Applied Mechanics and Materials, Vol. 747 (2015) pp 282-285 Nor Fadillah Mohd Ghazali, Wong Siew Yen and Amir Hamzah Sharaai, To Develop a Greener Recycled Paper Production by Determining Potential Environmental Impacts through Life Cycle Perspective, Applied Mechanics and Materials, Vol. 747 (2015) pp 269-272 Amir Hamzah Sharaai, Siti Zaharah Ibrahim, Najwa Mohd Nor, Shahidah Madzidah Kifli, Nor Fakira Ismail, Nur Syahirah Samsuddin, and Khairunnisa Bahari (2015), Understanding The Effect Of Environmental Studies In Lifestyle By Analyzing The Awareness, Knowledge And Attitudes Of Faculty Of Environmental Studies' Students In UPM Regarding The Consumption Of Eco Label Products, Australian Journal of Basic and Applied Sciences, 9(7): April 2015, 106-109 (ISI cited journal) Muhammad Hasifullah Ibrahim, Lee Siu Ping, Nor Adibah Asmi, Nurul Amira Shamsuddin and Amir Hamzah Sharaai (2014), Comparative study between gender in choosing the effective way to support the go green campaign among higher education level students, PERINTIS E-Journal, 4(1), 31-47 Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2012), Life Cycle Impact Assessment (LCIA) of Potable Water Production in Malaysia: A Comparison among Different Technology Used in Water Treatment Plant using IMPACT 2002+ method. African Journal of Biotechnology, 19 January 2012; 11 (6), 1391-1402, http://www.academicjournals.org/ajb/contents/2012cont/19Jan.htm Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2010), Life cycle impact assessment (LCIA) using EDIP 97 method: An analysis of potential impact from potable water production, Scientific Research and Essays, 16 November, 2011; 6(27), 5658-5670, http://www.academicjournals.org/sre/contents/2011Cont/16Nov.htm Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2010), Life Cycle Impact Assessment (LCIA) of Potable Water Production in Malaysia: A Comparison among Different Technology Used in Water Treatment Plant, EnvironmentAsia, 3 (1), 95-102 (SCOPUS cited journal), http://www.doaj.org/doi?func=openurl&genre=journal&issn=19061714&volume=3&issue=1&date=2010 Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2010), Ozone Depletion Substances (ODS) Emission Analysis from the Life Cycle of Chemical Substances and Electricity Used in Potable Water Production in Malaysia, Australian Journal of Basic and Applied Sciences, 4(9): 4286-4293, 2010 (ISI cited journal), http://www.ajbasweb.com/Ajbas_september_2010.html Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2010), Decrypting the Influence of River Classes on the Effects on the Environment Through Life Cycle Impact Assessment (LCIA) of Water Treatment Processes in Malaysia, Australian Journal of Basic and Applied Sciences, 4(9): 4294-4303, 2010 (ISI cited journal), http://www.ajbasweb.com/Ajbas_september_2010.html Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2010), Life Cycle Impact Assessment (LCIA) Using TRACI Methodology: an Analysis of Potential Impact on Potable Water Production, Australian Journal of Basic and Applied Sciences, 4(9): 4313-4322, 2010 (ISI cited journal), http://www.ajbasweb.com/Ajbas_september_2010.html Amir Hamzah, S., Sitty Nur Syafa, B., Saidah, MS., (2010), Penilaian Kitar Hayat dan Alat Pengurusan Alam Sekitar, Jurnal Teknologi, 53 September 2010: 81-100, http://www.jurnalteknologi.utm.my/index.php/jurnalteknologi/issue/view/26 Saidah, MS., Amir Hamzah, S., Sitty Nur Syafa, B., (2010), Penilaian Kitar Hayat Suatu Pengenalan, Jurnal Teknologi, 53 September 2010: 57 – 67,

	<p>http://www.jurnalteknologi.utm.my/index.php/jurnalteknologi/issue/view/26</p> <ol style="list-style-type: none"> 14. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2010) Life Cycle Impact Assessment (LCIA) in Potable Water Production in Malaysia: Potential Impact Analysis Contributed from Production and Construction Phase Using Eco-Indicator 99 Evaluation Method, <i>World Applied Sciences Journal</i>, 10 (5): 552-559 (ISI cited journal), http://idosi.org/wasj/wasj11(10)/6.pdf 15. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2009), Life Cycle Assessment (LCA) in Potable Water Production: An analysis of greenhouse gases emission from chemicals and electricity usage in water treatment in Malaysia. <i>Asian Journal of Water, Environment and Pollution</i>, 6 (3), 27-34 (Abstracted in CAS Chemical Abstracts Service), http://iospress.metapress.com/content/q5x4523645v25719/ 16. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2009), Uncovering the relation between the environmental damage and the rate of rainfall received through Life Cycle Assessment (LCA) study on potable water production in Malaysia. <i>Australian Journal of Basic and Applied Sciences</i>, Oct-Dec, 3399-3407 (ISI cited journal), http://www.insipub.com/ajbas_oct-dec_2009.html 17. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2009), Life Cycle Impact Assessment (LCIA) of Potable Water Treatment Process in Malaysia: Comparison between Dissolved Air Flotation (DAF) and Ultrafiltration (UF) Technology, <i>Australian Journal of Basic and Applied Sciences</i>, Oct-Dec, 3625-3632 (ISI cited journal), http://www.insipub.com/ajbas_oct-dec_2009.html
Chapter in book	<ol style="list-style-type: none"> 1. Amir Hamzah Sharaai (2012), Noor Zalina, M., and Abdul Halim, S., (2102), <i>Uncovering the Relation Between the Environmental Damage and the Rate of Rainfall Received Through Life Cycle Assessment (LCA) Study on Potable Water Production in Malaysia</i>. (Chapter in Book/Chapter 10, pg 219-236), Sustainable Development – Authoritative and Leading Edge Content for Environmental Management, InTech – Open Access Publisher, Croatia, ISBN: 978-953-51-0682-1 2. Nor Fazilah Zulkifli, Noor Zalina Mahmood, Amir Hamzah Sharaai, and Nik Meriam Nik Sulaiman (2013), <i>The Implementation of Islamic Elements in Achieving Best Practices of Sustainability Concept</i>, Islamic Philanthropy for Ummah Excellence, pg 105-123.
Proceedings	<ol style="list-style-type: none"> 1. Khairul Izzuddin & Amir Hamzah Sharaai (2014), Life Cycle Assessment at a sawmill manufacturing company in Terengganu, Malaysia, <i>The International conference on environmental forensics 2013; From sources to solution</i>, 12-13 November 2013, Mariott Putrajaya, 2. Nor Fazilah Zulkifli, Noor Zalina Mahmood, Amir Hamzah Sharaai and Nik Meriam Nik Sulaiman (2013), The implementation of Islamic elements in achieving best practices of sustainability concept, <i>Islamic Philanthropy for ummah excellence</i>, 5-7 December 2013, 3. Amir Hamzah Sharaai (2012), Penilaian Kitar Hayat Sosial (SLCA): Beberapa persoalan Penting dalam Mengiktiraf Pelaksanaannya, <i>Persidangan Kebangsaan Pembangunan dan Pendidikan Lestari</i>, Institut Pendidikan Guru, Kampus Tuanku Bainun, 19-20 September 2012, http://ipgktb.edu.my/lestari/kertas_kerja.htm 4. Amir Hamzah Sharaai (2012), Penilaian Kitar Hayat Sosial (SLCA): Perbandingan antara kaedah-kaedah sLCA, <i>Persidangan Kebangsaan Pembangunan dan Pendidikan Lestari</i>, Institut Pendidikan Guru, Kampus Tuanku Bainun, 19-20 September 2012, http://ipgktb.edu.my/lestari/kertas_kerja.htm 5. Amir Hamzah Sharaai & Chin CK (2012), Sikap dan Amalan Murid Sekolah Rendah dalam Konsep Lestari, <i>Persidangan Kebangsaan Pembangunan dan Pendidikan Lestari</i>, Institut Pendidikan Guru, Kampus Tuanku Bainun, 19-20 September 2012, http://ipgktb.edu.my/lestari/kertas_kerja.htm 6. Hisyammudin, AR & Amir Hamzah, S. (2012), Kaedah Nyanyian Dalam Mengatasi Masalah Miskonsepsi Dalam Kalangan Murid Tahun 3 Dalam Topik Magnet, <i>Persidangan Kebangsaan Pembangunan dan Pendidikan Lestari</i>, Institut Pendidikan Guru, Kampus Tuanku Bainun, 19-20 September 2012, http://ipgktb.edu.my/lestari/kertas_kerja.htm 7. Leong, FN. & Amir Hamzah, S. (2012), Penggunaan Strip Komik Bagi Meningkatkan Pencapaian Murid Dalam Topik Kitaran Air Tahun 5, <i>Persidangan Kebangsaan Pembangunan dan Pendidikan Lestari</i>, Institut Pendidikan Guru, Kampus Tuanku Bainun, 19-20 September 2012, http://ipgktb.edu.my/lestari/kertas_kerja.htm 8. Lim, C. & Amir Hamzah, S. (2012), Perbandingan Kaedah Menggunakan Kad Permainan Dan Buku Besar Bagi Meningkatkan Pencapaian Murid Tahun 4 Dalam Topik Penyesuaian Tumbuhan Terhadap Cuaca Melampau, <i>Persidangan Kebangsaan Pembangunan dan Pendidikan Lestari</i>, Institut Pendidikan Guru, Kampus Tuanku Bainun, 19-20 September 2012, http://ipgktb.edu.my/lestari/kertas_kerja.htm 9. Tam, HT. & Amir Hamzah, S. (2012), Meningkatkan Pencapaian Dan Minat Murid Tahun 4 Dalam Tajuk Perlindungan Haiwan Daripada Cuaca Melampau, <i>Persidangan Kebangsaan Pembangunan dan Pendidikan Lestari</i>, Institut Pendidikan Guru, Kampus Tuanku Bainun, 19-20 September 2012, http://ipgktb.edu.my/lestari/kertas_kerja.htm 10. Wong, LS. & Amir Hamzah, S. (2012), Penggunaan Peta Minda Untuk Meningkatkan Daya Mengingat Dan Minat Mengulang Kaji Bagi Pelajar Tahun 4 Dalam Topik Pembiakan Tumbuhan, <i>Persidangan Kebangsaan Pembangunan dan Pendidikan Lestari</i>, Institut Pendidikan Guru, Kampus Tuanku Bainun, 19-20 September 2012, http://ipgktb.edu.my/lestari/kertas_kerja.htm 11. Yee, CH. & Amir Hamzah, S. (2102), Perbandingan Antara Kaedah Main Peranan Dan Penggunaan Kad Permainan Bagi Meningkatkan Pencapaian Dan Minat Murid Tahun Empat Dalam Tajuk Siratan Makanan, <i>Persidangan Kebangsaan Pembangunan dan Pendidikan Lestari</i>, Institut Pendidikan Guru, Kampus Tuanku

	<p>Bainun, 19-20 September 2012, http://ipgktb.edu.my/lestari/kertas_kerja.htm</p> <ol style="list-style-type: none"> 12. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2008), Life Cycle Assessment (LCA) of Potable Water Treatment Process in Malaysia: An Environmental Impact Comparison among Different Water Quality and Water Level Supply, International Conference on Environmental Research and Technology (ICERT 2008), 13. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2008), Life Cycle Impact Assessment (LCIA) of Potable Water Treatment Process in Malaysia: Comparison between Dissolved Air Flotation (DAF) and Ultrafiltration (UF) Technology, Third Regional Symposium on Environment and Natural Resources, 5-6 August 2008, 14. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2008), Life Cycle Impact Assessment (LCIA) of Potable Water Production in Malaysia: A Comparison among Different Technology Used in Water Treatment Plant, International Symposium on Environmental Management: Hazardous-Environmental Management Toward Sustainability, 22-23 September 2008, Nakorn Nayok, Thailand. Pg 106-107, 15. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2008), Life Cycle Impact Assessment (LCIA) of Potable Water Production in Malaysia: A Comparison of Water Level Supply, 10th Symposium of the Malaysian Society of Applied Biology: Realization of Biodiversity Potentials through Applied Biology, 6-8 November 2008, 16. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2008), Life Cycle Impact Assessment (LCIA) of Potable Water Production, National Conference in Health and Environment 2008, 29-30 October 2008, 17. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2008), Life Cycle Impact Assessment (LCIA) of Potable Water Production in Malaysia: A Comparison between Different River Class, The Eight International Conference of Ecobalance: The challenge of creating social and technological innovation through system-thinking, 10-12 December 2008, Tokyo, Japan, 18. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2007), The application of Life Cycle Assessment (LCA) in the Water Treatment Process in Malaysia, Southeast Asia Water Forum, 19. Amir Hamzah, S., Noor Zalina, M., and Abdul Halim, S., (2007), Potential of the application of Life Cycle Assessment (LCA) in the Water Treatment Process in Malaysia, International Conference on Natural Resources and Environmental Management and Environmental Safety and Health 2007 (NREM 2007 & ESH), 27-29 November
Books	<ol style="list-style-type: none"> 1. Amir Hamzah Sharaai (2017), Nota Statistik & SPSS Bahagian 1. UPM Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN – 978.967.960.417.7 2. Amir Hamzah Sharaai (2017), Nota Statistik & SPSS Bahagian 2. UPM Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN – 978.967.960.418.4 3. Amir Hamzah Sharaai (2017), ELCC, MFA & MFCA. Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN – 978.967.960.403.0 4. Amir Hamzah Sharaai, Mohd Armi Abu Samah & Paiman Bawon (2016), Aplikasi Alatan Sistem Pengukuran Dalam Pengurusan Alam Sekitar: Perspektif Teori dan Praktikal. Kuantan: Kuliyyah Sains, UIAM, ISBN - 978.983.41410.4.2 5. Amir Hamzah Sharaai (2016), Jejak Air. Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN – 978.967.960.381.1 6. Amir Hamzah Sharaai (2016), Penilaian Kitar Hayat: Panduan Lengkap Menganalisis Produk. Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN – 978.967.960.381.1 7. Amir Hamzah Sharaai (2016), Penilaian Kitar Hayat Sosial: Analisis kesan sosial produk. Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN – 978.967.960.383.5 8. Amir Hamzah Sharaai (2016), Jejak Nitrogen. Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN – 978.967.960.384.2 9. Amir Hamzah Sharaai (2016), Sistem Pengurusan Kualiti Alam Sekitar. Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN – 978.967.960.385.9 10. Amir Hamzah Sharaai (2016), Analisis Kitaran Hayat: Panduan Asas Perlaksanaan Kajian. Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN – 978.967.960.381.1 11. Amir Hamzah Sharaai, et al., (2016), Environment IT 101: Data Manipulation and Query Language, Serdang: Fakulti Pengajian Alam Sekitar, ISBN: 978.967.960.370.5 12. Amir Hamzah Sharaai, et al., (2016), Environment IT 101: Data Security and Recovery, Serdang: Fakulti Pengajian Alam Sekitar, ISBN: 978.967.960.371.2 13. Amir Hamzah Sharaai, et al., (2016), Environment IT 101: Data Mining, Warehouse and Data Mart, Serdang: Fakulti Pengajian Alam Sekitar, ISBN: 978.967.960.372.9 14. Amir Hamzah Sharaai, et al., (2016), Environment IT 101: Database Development Process, Serdang: Fakulti Pengajian Alam Sekitar, ISBN: 978.967.960.373.6 15. Amir Hamzah Sharaai, et al., (2016), Environment IT 101: 3 Level of Data Model, Serdang: Fakulti Pengajian Alam Sekitar, ISBN: 978.967.960.374.3 16. Amir Hamzah Sharaai, et al., (2016), Environment IT 101: Remote Sensing, Serdang: Fakulti Pengajian Alam Sekitar, ISBN: 978.967.960.375.0 17. Amir Hamzah Sharaai, et al., (2016), Environment IT 101: Global Positioning System (GPS), Serdang: Fakulti Pengajian Alam Sekitar, ISBN: 978.967.960.376.7 18. Amir Hamzah Sharaai, et al., (2016), Environment IT 101: Geographical Information System (GIS), Serdang:

	<p>Fakulti Pengajian Alam Sekitar, ISBN: 978.967.960.377.4</p> <p>19. Ain Jaki & Amir Hamzah Sharaai (2016), Environmental Education Series: The Power of Recycle, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.387.3</p> <p>20. Norfaryana Mohd Ijas & Amir Hamzah Sharaai (2016), Environmental Education Series: From Plastic to Lovely Doll, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.388.0</p> <p>21. Nur Dalila Mat Talib & Amir Hamzah Sharaai (2016), Environmental Education Series: That's When I Knew ... Who I Am, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.389.7</p> <p>22. Patmawati Samir & Amir Hamzah Sharaai (2016), Environmental Education Series: The Future of Plastic, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.390.3</p> <p>23. Siti Azizah Jabnar & Amir Hamzah Sharaai (2016), Environmental Education Series: The Life of A Cupcake, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.391.0</p> <p>24. Yu Jiajia & Amir Hamzah Sharaai (2016), Environmental Education Series: The Secret of Potato Chips, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.392.7</p> <p>25. Khairunnisha Mazlan & Amir Hamzah Sharaai (2016), Environmental Education Series: You Light My Life, Mum, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.393.4</p> <p>26. Baddariah Baddaruldin & Amir Hamzah Sharaai (2016), Environmental Education Series: Love Tree, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.394.1</p> <p>27. Shalil Yeoh & Amir Hamzah Sharaai (2016), Environmental Education Series: Khalil's Comfrey Tea Fertiliser, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.395.8</p> <p>28. Azrin Hashim & Amir Hamzah Sharaai (2016), Environmental Education Series: Where It Comes From?, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.396.5</p> <p>29. Noor Fatimah Abdullah & Amir Hamzah Sharaai (2016), Environmental Education Series: What Am I?, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.397.2</p> <p>30. Nor Akma Musa & Amir Hamzah Sharaai (2016), Environmental Education Series: The Power of Recycle, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.398.9</p> <p>31. Amirah R. Abu Bakar & Amir Hamzah Sharaai (2016), Environmental Education Series: The Malaysian Ice Cream and the Scientist, Serdang: Fakulti Pengajian Alam Sekitar, UPM, ISBN: 978.967.960.399.6</p>
Other publications	
Computer software	

H. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)				
Year	Designation	Project Title / Source of Fund	Amount	Result
2015	Leader	The Evaluation of Environmental and social impacts in Malaysia Food industry by using life cycle approaches Kod projek: GP-IPA/2014/9447900 Tarikh mula projek: 15 Mac 2015 Tarikh tamat projek: 15 Sept 2016	RM8700	Completed
2014	Leader	Sustainable wastewater management in quail production by analyzing the flow of Nitrogen (N) and Phosphorus (P) using Material Flow Analysis (MFA) Kod Projek: GP-IPM/2014/9435400 Tarikh mula projek: 1 September 2014 Tarikh tamat projek: 1 September 2016	RM49000	Completed
2014	Leader	Identifying Environmental Hotspots on Rice Commodity System by Using Life Cycle Assessment (LCA) and Environmental Life Cycle Costing (ELCC) to Ensure Sustainable Malaysia Food Security Grant: SEARCA SFRT (Ref: GCS14-4070)	USD11489.36	Completed
2014	Leader	Modelling an ELCC of poultry industry towards sustainable food security in Malaysia Kod Rujukan KPM: FRGS/1/2014/STWNO1/UPM/02/3 Kod Projek: 07-01-04-1430FR	RM96000	Completed
2013	Member	Modelling a temporally and spatially explicit water footprint of Malaysian rubber industry Grant: FRGS/2/2013/STWNO1/UKM/03/1 Leader: Dr Marlia Mohd Hanafiah (UKM)	RM91000	Completed
2013	Member	Environment Management Assessment in integration with Islamic life cycle sustainable assessment (ILCSA) Grant: UM Flagship 2012 (FL027-2012A) Leader: Dr Noor Zalina Mahmood	RM88700	Completed
2013	Member	Development of robust of life cycle assessment (LCA) standard for	RM317800	Completed

	Malaysian car manufacturing and its commercial potential Grant: Sciencefund (project no: 06-01-02-SF1049) Leader: Dr Marlia Mohd Hanafiah (UKM)		
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I. ID PENERBITAN (Publishing ID)

	Author ID	Name
Scopus	35220553100	Amir Hamzah Sharaai
ORCID ID	http://orcid.org/0000-0003-4985-8027	Amir Hamzah Sharaai
Web of Science ID		
Researcher ID	A-1002-2012	Amir Hamzah Sharaai
Others		

J. RANGKAIAN SOSIAL (Social Networking)

Facebook	facebook.com/amirhamzahsharaai
LinkedIn	https://my.linkedin.com/in/amir-hamzah-sharaai-3715b976
Researchgate	https://www.researchgate.net/profile/Amir_Hamzah_Sharaai
Google Scholar	Amir Hamzah Sharaai
Academia	https://upm.academia.edu/AmirHamzahSharaai
Blog	
Website url	
Others	

K. PENGAJARAN DAN TANGGUNGJAWAB PENTADBIRAN SEMASA (Current Teaching & Administrative Responsibilities)

MAJIKAN Employer	JABATAN Department	KURSUS YANG DIAJAR Course Thought	KREDIT Credit
UPM	Dept of Env. Management, FPAS	EMG4001 Statistics for Environmental Management & Planning	3
UPM	Dept of Env. Management, FPAS	EMG3007 Quantitative Methods for Environmental Management	3
UPM	Dept of Env. Management, FPAS	EMG4102 Environmental Quality Management System	3
UPM	Dept of Env. Management, FPAS	EMG4405 Life Cycle Thinking in Sustainable Development	3
UPM	Dept of Env. Management, FPAS	EMG3010 Environmental Management System	3

L. PELAJAR BERGRADUAT (PASCA SISWAZAH) (Graduated Students – Postgraduate)

NAMA PELAJAR & TAJUK PENYELIDIKAN Student Name & Research Title	IJAZAH Degree	TAHUN Year	PERANAN PENYELIAAN Supervisory Role
1. Tay Hui Hui – The Assessment of the Challenges of ISO 14001 Implementation Within Malaysia's Manufacturing Industry	MSc	2017	Co-Supervisor
2. Magala a/p Darmabalan – The Water Footprint of Palm Oil at Gomali Region Palm Oil Mill and Estates	MEnv	2017	Supervisor
3. Ginikanwa Onyinye Anulika - Environmental Literacy among Undergraduates on Environmental Programs at research Universities in Selangor	MEnv	2017	Supervisor
4. Putri Irdawaty Ali Ashgar – Level of Environmental Knowledge and Attitude in Tuaran, Sabah	MEnv	2016	Supervisor
5. Sarah Lina Abd Rahim - Water Footprint Assessment of the Malaysian Banana Plantation	MEnv	2016	Supervisor
6. Haslinda Lahuddin – Potential environmental impact of cocoa plantation in Tawau, Sabah by using Life Cycle Assessment approach	MEnv	2016	Supervisor
7. Siti Nur Faezah Ehlam – Unused medications disposal practice among patients at urban and rural area in Selangor.	MEnv	2016	Supervisor
8. Saadu Abdulrahman Danjaji – Local Government Green Space Policy for Social Well-being in Selected Areas of Malaysia	MSc	2016	Co-Supervisor

** PhD – Doctor of Philosophy, MSc – Master of Science, MEnv – Master of Environment

M. PELAJAR BERGRADUAT (PRASISWAZAH) (Graduated Students – Undergraduate)

NAMA PELAJAR & TAJUK PENYELIDIKAN Student Name & Research Title	IJAZAH Degree	TAHUN Year
1. Nurull Quammar Ghazali Abdullah – BERNAS Paddy Industry Material Flow Cost Accounting (MFCA) in the Seri Tiram Jaya, Selangor	BEM	2017

2.	Nuraishah Abdul Wahab – The Water Footprint of Paddy Plantation Case Study: Paddy Field MARDI Seberang Perai, Pulau Pinang.	BEM	2017
3.	Mohd Shakrul Haimi Mikaain – Social Impact Study on BERNAS Rice Production in Sri Tiram jaya Rice Mill Tanjong Karang by Using Social Life Cycle Assessment Approach	BEM	2017
4.	Farah Zafira Zulkiply – The Study of Environmental Aspect and Impact of Paddy Factory in Tanjong Karang by Using Environmental Performance Evaluation Approach	BEM	2017
5.	Nor Ain Mohd Jaki – Water Footprint Assessment of Pineapple Cultivation in Malaysia	BEM	2016
6.	Yeoh Geok Wah – Social Impact of Tea Production by Using Social Life Cycle Assessment (SLCA) Method in Cameron Highland, Pahang	BEM	2016
7.	Azrin Hashim – Life Cycle Assessment (LCA) of the Fresh Pineapple (N36) Production in Malaysia	BEM	2016
8.	Norfaryana Mohd Ijas – Analyzing the Flow of Phosphorus on Pineapple Cultivation by Using Material Flow Analysis (MFA)	BEM	2016
9.	Nur Ifzan Mohd Zakri – The Water Footprint of hamumanis Mango in Perlis, Malaysia	BEM	2015
10.	Ahmad Rizal Adnan – Analyzing the Flow of Phosphorus on Dairy Cattle Livestock by Using Material Flow Analysis (MFA) in Taman Pertanian Universiti, UPM.	BEM	2015
11.	Khairunnisa Bahari - Sustainable Wastewater Management In Quail Production Process by Analyzing The Flow of Phosphorus Using Material Flow Analysis In Jasin, Melaka	BEM	2014
12.	Nur Syahirah Samsuddin - Estimating The Environmental Cost Incurred By Quail Processing Production Through Environmental Life Cycle Costing (ELCC) Methodology	BEM	2014
13.	Ridzuan Ahmad Radzi - Social Impact Of Quail Production By Using Social Life Cycle Assessment (SLCA) Method In Jasin, Melaka	BEM	2014
14.	Mohd Zulfadhli Mat Zainol - Identify Environmental Impact Potential From Quail Meat Production At Jasin, Melaka Using Life Cycle Assessment (LCA) Method	BEM	2014
15.	Mohamad Faiz Pauzi – Social Life Cycle Assessment (LCA) of Palm Oil Production in Kelantan	BEM	2013
16.	Nur Diyana Ismail - Water Footprint of Soy Souce	BEM	2013
17.	Nur Izzati Othman - Carbon Footprint Of Rice Production In Malaysia	BEM	2013
18.	Nor Fadillah Mohd Ghazali - Life Cycle Assessment (LCA) of Recycled Paper In Malaysia	BEM	2013
19.	Khairul Izzuddin Muhammad – Life Cycle Assessment (LCA) for Sawmill Manufacturing at Kuala Berang, Terengganu	BEM	2013

** BEM – Bachelor of Environmental Management

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