



## ***Zakiah Ponrahono***

*PhD in Built Environment, IIUM.*

*Msc. in Environmental Planning and Management, UPM.*

*Bac (Hons) in Urban and Regional Planning, IIUM.*

*MIP (502 Graduate Member)*

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**PROFESSIONAL PROFILE**

- Jan 2009 – Current : Tutor in Dept. of Environmental Management, Faculty of Environmental Studies, UPM
- Aug 2008 – Dec 2008 : Research Assistant in Dept. of Environmental Management, Faculty of Environmental Studies, UPM
- July 2007- July 2008 : Matric Teacher (Contract) in Centre of Foundation Studies IIUM, Petaling Jaya
- Jun 2006-July 2007 : Matric Lecturer (Part Time) in Centre of Foundation Studies IIUM, Petaling Jaya
- Oct 2004- May 2006 : 1 and half year as Town Planner in Perunding Alam Rancang Sdn. Bhd.

**OTHER EXPERIENCE (2004-2006)**

- Research Assistant in Faculty of Environmental Studies
- Data Entry Clerk in Regroup Associates Sdn. Bhd
- Tuition Teacher in Sarjana Tuition Centre Klang

**ACADEMIC QUALIFICATION**

- 2016 : PhD (Built Environment), IIUM
- 2011 : Master of Science (Environmental Planning and Management), UPM
- 2004 : Degree (Honours) in Urban and Regional Planning, IIUM (CGPA 3.12)

**THESIS AND RESEARCH**

- PhD : The Service Delivery of Public Stage Bus Services in Urban and Rural Areas of Peninsular Malaysia
- Msc : Sustainable Development Strategies Assessment of Shah Alam Draft Local Plan 2020

**AREA OF INTEREST**

Sustainable Development, Sustainable Transportation Planning, Sustainability Assessment, Urban and Regional Planning, Built Environment, Environmental Planning and Management.

## ACADEMIC PROFILE

### SUMMARY OF ACADEMIC CITATION/PROFILE

	Google Scholar	Researchgate	Orcid	Academia.edu	Scopus	MyGRANTS												
<b>ID</b>	<a href="https://scholar.google.com/citations?user=U3R3rYwAAAJ&amp;hl=en">https://scholar.google.com/citations?user=U3R3rYwAAAJ&amp;hl=en</a>	<a href="https://www.researchgate.net/profile/Zakiah_Ponrahono2">https://www.researchgate.net/profile/Zakiah_Ponrahono2</a>	<a href="https://orcid.org/0000-0002-1430-625X">orcid.org/0000-0002-1430-625X</a>	<a href="https://upm.academia.edu/zakiahponrahono">https://upm.academia.edu/zakiahponrahono</a>	Author ID: 55334724600	64024												
<b>Citation / Profile</b>	<table border="1"> <thead> <tr> <th>Citation indices</th> <th>A</th> <th>Since</th> </tr> </thead> <tbody> <tr> <td>Citations</td> <td>8</td> <td>8</td> </tr> <tr> <td>h-index</td> <td>1</td> <td>1</td> </tr> <tr> <td>i10-index</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Citation indices	A	Since	Citations	8	8	h-index	1	1	i10-index	0	0	27 Research Items 1.85k reads 12 citations RG Score 3.85	7 papers	Top paper downloaded: 1,131 times downloaded and 12,761 times viewed for "Planning System in Malaysia" (as of 21 Dec 2016).	2 papers	1 Completed Project 4 In progress Project 2 Completed Consultation Project
Citation indices	A	Since																
Citations	8	8																
h-index	1	1																
i10-index	0	0																

### SCIENTIFIC EXPERIENCE AND SPECIALISATION

Organization	Position	Start Date	End Date	Expertise
IIUM Entrepreneurship & Consultancies Sdn. Bhd	Consultant	02/11/2015	31/12/2015	Kaji Selidik Persepsi Jarak Keselamatan Keluarga dan Kanak-kanak bagi Jabatan Perancangan Bandar dan Desa Semenanjung Malaysia
IIUM Entrepreneurship & Consultancies Sdn. Bhd	Consultant	02/11/2015	31/12/2015	Kaji Selidik Persepsi Awam Mengenai Isu Utama dan Keperluan Golongan Belia Dalam Pembangunan 1Malaysia Youth Cities bagi Jabatan Perancangan Bandar dan Desa Semenanjung Malaysia

## **PUBLICATION**

<i>Journal</i>	<ol style="list-style-type: none"><li>1. <u>Zakiah Ponrahono</u>, Syahriah Bachok, Mariana Mohamed Osman, Mansor Ibrahim, Muhammad Faris Abdullah, 2017, Public Bus Level Of Service Performance In Peninsular Malaysia: Correlation Analyses On Level Of Service (Los) And Passengers' Satisfaction Level, PLANNING MALAYSIA: Journal of the Malaysian Institute of Planners, Volume 15 (2017) 229-234.</li><li>2. Syahriah Bachok and <u>Zakiah Ponrahono</u>, 2017, Modelling Willingness To Pay For Improved Public Transport Services: The Challenges Of Non-Response To Stated Preference Hypothetical Questions, PLANNING MALAYSIA: Journal of the Malaysian Institute of Planners, Volume 15 (2017) 333-346.</li><li>3. Mariana Mohamed Osman, Muhammad Faris Abdullah, Najihan Khalid, Syahriah Bachok, Nor Suzilawati Rabe, Syafiee Shuid, <u>Zakiah Ponrahono</u>, 2017, Perception of Parents and Guardians on Safe Distance for Children to Travel to Public Areas, PLANNING MALAYSIA: Journal of the Malaysian Institute of Planners, Volume 15 (2017) 201-208.</li><li>4. <u>Zakiah Ponrahono</u>, Syahriah Bachok, Mariana Mohamed Osman and Mansor Ibrahim, 2017, Rural Public Bus Routing And Bus Stops Detecting Using Global Positioning System And Geographical Information System, Advanced Science Letters 23(Special Issue):133-136</li><li>5. <u>Zakiah Ponrahono</u>, Syahriah Bachok, Mariana Mohamed Osman and Mansor Ibrahim, 2016, Sustaining Existing and Prospective Passengers of Urban Public Buses: The Case Study of Rapid Kuantan, Pahang, Malaysia in International Journal Sustainable Future for Human Security, J-Sustain Vol. 4 No. 2 (2016) 22-29.</li><li>6. <u>Zakiah Ponrahono</u>, Syahriah Bachok, Mansor Ibrahim and Mariana Mohamed Osman, 2016, Assessing Passengers' Satisfaction Level on Bus Services in Selected Urban and Rural Centres of Peninsular Malaysia. Procedia - Social and Behavioral Sciences, Volume 222, 23 June 2016, Pages 837–844. <a href="http://dx.doi.org/10.1016/j.sbspro.2016.05.183">http://dx.doi.org/10.1016/j.sbspro.2016.05.183</a></li><li>7. <u>Zakiah Ponrahono</u>, Syahriah Bachok, Mariana Mohamed Osman, Mansor Ibrahim, Muhammad Faris Abdullah and Alias Abdullah, 2015, Assessing The Urban And Rural Stage Bus Services Disparities In Peninsula Malaysia, PLANNING MALAYSIA: Journal of the Malaysian Institute of Planners, Volume XIII (2015), Page 65 – 84.</li><li>8. Syahriah Bachok, <u>Zakiah Ponrahono</u>, Mariana Mohamed Osman, Samsuddin Jaafar , Mansor Ibrahim and Mohd Zin Mohamed, 2014, A Preliminary Study of Sustainable Transport Indicators in Malaysia: The Case Study of Klang Valley Public Transportation, Procedia Environmental Sciences, 28 (2015) 464-473. doi:10.1016/j.proenv.2015.07.056</li><li>9. Syahriah Bachok, Mariana Mohamed Osman and <u>Zakiah Ponrahono</u>, 2014, Regenerating Ipoh City Through High Level of Service (LOS) of Public Bus Service, Procedia-Social and Behavioral Sciences, 170 (2015) 680-689. Doi 10.1016/j.sbspro.2015.01.070</li></ol>
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	<ol style="list-style-type: none"> <li>10. Bachok, S., Osman, M.M., &amp; Ponrahono, Z. (2014). Passenger's Aspiration Towards Sustainable Public Transportation System: Kerian District, Perak, Malaysia. <i>Procedia-Social and Behavioral Sciences</i>, 153, 553-565. Doi: 10.1016/j.sbspro.2014.10.088</li> <li>11. Zakiah Ponrahono <sup>a</sup>, Syahriah Bachok<sup>b</sup>, Mansor Ibrahim<sup>b</sup> and Mariana Mohamed Osman<sup>b</sup>, 2015 "A Study of Urban and rural Public Bus Passengers Demographic and Trip Characteristics in Peninsular Malaysia," in <i>Journal of Architecture, Planning And Construction Management (JAPCM)</i> vol. 5, issue.</li> <li>12. Zakiah Ponrahono, Che Musa Che Omar, Ahmad Makmom Abdullah and Azizi Muda, 2011. Matrix Sustainable Strategies Compatibility Analysis of Malaysia's Sustainable Development Strategies in Three-Tier Development Plan System, <i>World Applied Sciences Journal 14 (Exploring Pathways to Sustainable Living in Malaysia: Solving the Current Environmental Issues)</i>: 22-30, 2011 ISSN 1818-4952; © IDOSI Publications.</li> </ol>
<i>Chapter in book</i>	<ol style="list-style-type: none"> <li>1. Bachok, S., Ponrahono, Z., Mohamed .M., &amp; Ibrahim, M. (2015). Bus Services: Governance in Five Malaysian States. In M.M.Osman &amp; S. Bachok (Eds.), <i>Malaysian Case Studies of Urban and Regional Planning</i> (First., pp. 156-172). Gombak: IIUM Press.</li> <li>2. Azizi Muda, Noriati A Rashid, Zakiah Porahono, Puziah Che Leh and Tee Sze Fong. Beach Utilization and Forest Reserve Carrying Capacity Assessment For Pangkor Island, Perak, Malaysia. Book Chapter in <i>Hutan Pulau Pangkor, Perak: Pengurusan Hutan, Persekitaran Fizikal dan Kepelbagaian Biologi</i>, 19 Siri Kepelbagaian Biologi Hutan, Jabatan Perhutanan Semenanjung Malaysia, 2013.</li> <li>3. Azizi Muda, Che Musa Che Omar, Zakiah Ponrahono, Kamarudin Shamsuddin, Daryllynn Chung, and Annie Tony Kuni Gambaris, 2010. Book chapter in <i>Contemporary Environmental Quality Management in Malaysia and Selected Countries</i>. UPM Press.</li> </ol>
<i>Proceedings</i>	<ol style="list-style-type: none"> <li>1. Zakiah Ponrahono, Syahriah Bachok, Mariana Mohamed Osman, Mansor Ibrahim and Samsuddin Jaafar, 2016, An Assessment of Public Transport Features in Urban and Rural Settlements in Malaysia. <i>International Conference on Architecture &amp; Built Environment (ICABE 2016)</i>, Kuala Lumpur 5-6 October 2016.</li> <li>2. Zakiah Ponrahono, Syahriah Bachok, Mariana Mohamed Osman and Mansor Ibrahim, 2016, Rural Public Bus Routing and Bus Stops Detecting using GPS and GIS. <i>Advanced Research on Business, Management and Humanities (ARBUHUM2016)</i>, Bandung 15-17 March 2016.</li> <li>3. Zakiah Ponrahono, Syahriah Bachok, Mansor Ibrahim and Mariana Mohamed Osman, 2015, Assessing the Urban and rural Service Disparities: A case of Public Bus Services in Peninsular Malaysia. <i>The 6th International Conference on Sustainable Future for Human Security (SustainN)</i>, Bali, Indonesia, 17-19 November 2015.</li> <li>4. Zakiah Ponrahono, Syahriah Bachok, Mariana Mohamed Osman and Mansor Ibrahim, 2015, Sustainable Urban Public Transportation System In Malaysia: A Comparison Of Bus Services In Kuantan And Penang, <i>International Conference on Development and Socio-Spatial</i></li> </ol>

Inequalities (ICDSSI2015) Universiti Sains Malaysia, 19-20 August, 2015.

5. Zakiah Ponrahono, Syahriah Bachok, Mansor Ibrahim and Mariana Mohamed Osman, 2015, Devising Sustainable Public Bus Services: Selected Urban and Rural Centres in Perak, Penang, Pahang and Johor, Malaysia. AicQoL2015Jakarta AMER International Conference on Quality of Life, The Akmani Hotel, Jakarta, Indonesia, 25-27 April 2015.
6. Syahriah Bachok, Zakiah Ponrahono, Mariana Mohamed Osman, and Mansor Ibrahim, 2014, Sustaining Existing and Prospective Passengers of Urban Public Buses: The Case Study of Rapid Kuantan, Pahang, Malaysia, The 5th International Conference on Sustainable Future for Human Security (Sustain), Bali, Indonesia, 19-21 November 2014.
7. Syahriah Bachok, Zakiah Ponrahono, Mariana Mohamed Osman, Samsuddin Jaafar , Mansor Ibrahim and Mohd Zin Mohamed, 2014, A Preliminary Study of Sustainable Transport Indicators in Malaysia: The Case Study of Klang Valley Public Transportation, The 5th International Conference on Sustainable Future for Human Security (Sustain), Bali, Indonesia, 19-21 November 2014.
8. Syahriah Bachok, Mariana Mohamed Osman and Zakiah Ponrahono, 2014, Regenerating Ipoh City Through High Level of Service (LOS) of Public Bus Service, AcE-Bs2014Seoul Asian Conference on Environment-Behaviour Studies, Chung-Ang University, Seoul, S. Korea, 15-17 August 2014 "Environmental Settings in the Era of Urban Regeneration".
9. Syahriah Bachok, Mariana Mohamed Osman and Zakiah Ponrahono, 2014, Passenger's Aspiration towards Sustainable Public Transportation System in Kerian District, State of Perak, Malaysia, AicQoL2014Kota Kinabalu AMER International Conference on Quality of Life The Pacific Sutera Hotel, Sutera Harbour, Kota Kinabalu, Sabah, Malaysia 4-5 January 2014 "*Quality of Life in the Built & Natural Environment*".
10. Syahriah Bachok, Zakiah Ponrahono, Mariana Mohamed Osman and Zufadly Azizi Bohari, 2013, GPS/GIS Identification of Potential Bus Stop Locations and Passenger's Access and Egress, *Third International Conference on Geotechnique, Construction Materials and Environment, Nagoya, Japan, Nov. 13-15, 2013, ISBN: 978-4-9905958-2-1 C3051*
11. Zakiah Ponrahono, Syahriah Bachok and Mansor Ibrahim, 2013, Exploring The Concept and Definition of Sustainable Transportation System, Seminar Proceeding, UMRAN2013: Vision and Methods Towards Sustainable Built Environment & Livable Communities, KAED, IIUM.
12. Azizi Muda, Che Musa Che Omar, Zakiah Ponrahono, Kamarudin Shamsuddin, Darylynn Chung, And Annie Tony Kuni Gambaris, 2009. Tioman As An International Tourism Island : In Perspective Of Planning Development, Management And Guidelines. Second National Conference on Society, Space and Environment, 2nd – 3rd June, Universiti Sains Malaysia.
13. Darylynn Chung, Azizi Muda, Kamaruddin Shamsuddin, Zakiah Ponrahono And Annie Tony, 2009, Residents' Perception Of Tourism Impacts On The Social And Visual Qualities Of Pulau Tioman. Second National Conference on Society, Space and Environment, 2nd – 3rd

	<p>June, Universiti Sains Malaysia.</p> <p>14. Azizi Muda, Noriati A Rashid, <u>Zakiah Porahono</u>, Puziah Che Leh and Tee Sze Fong. Beach Utilization and Forest Reserve Carrying Capacity Assessment For Pangkor Island, Perak, Malaysia. Paper presented at Pulau Pangkor Scientific Expedition Seminar on Forest Biodiversity. Impiana Hotel, Ipoh, Perak, 12-13 July 2010.</p>
<i>Other publications</i>	<ol style="list-style-type: none"> <li>1. <u>Zakiah Ponrahono</u>, Ahmad Zaharin Aris, Ahmad Makmom Abdullah And Tengku Hanidza Tengku Ismail, 2016. Green@Universiti Putra Malaysia: Living For The Present And Future. Synthesis Workshop Of The Project "Sustainability Transformation Across The Region (STAR)" And The Project "Science Harnessed For Asean Regional Policy (SHARP)" From 3 - 4 November 2016 In Langkawi, Malaysia.</li> <li>2. <u>Zakiah Ponrahono*</u>, Syahriah Bachok b, Mariana Mohamed Osman b, Mansor Ibrahim "Sustaining Existing and Prospective Passengers of Urban Public Buses: The Case Study of Rapid Kuantan, Pahang, Malaysia," in process of editorial board for publication of International Journal Sustainable Future for Human Security.</li> </ol>

**RESEARCH WORK**

No.	Research Project	Position	Year	Funder	Status
1.	An Assessment Of Disabled Community Ability To Own Residential Property In Urban Areas Of Kuala Lumpur And Selangor	Co- Researcher	2016	NAPREC	In Progress
2.	A Study on Illegal Occupation and Illegal Operation of Landuse Categories in Perak: A Case Study of State Land	Co-Researcher	2015	Institute Darul Ridzuan	In progress
3.	A Study on Housing Stock: Demand and Supply in Perak	Co-Researcher	2015	Institute Darul Ridzuan	Completed
4.	A Study on Illegal Factories in Perak: Toward and Effective Legalisation of Non-Conforming Industrial Activities and Establishment	Co-Researcher	2015	Institute Darul Ridzuan	In progress

**OTHER RESEARCH/STUDY**

No.	Project	Government /Private/ International	Client	Year	Position
4	Kajian Program Pemutihan Kilang Tanpa Kebenaran di Negeri Selangor	Government	Pejabat Tanah dan Galian Selangor	<i>April 2014 – April 2015</i>	Research Assisstant
5	An Assessment Of Rural-Urban Divide Of Public Buses Services Levels In Malaysia FRGS13-053-0294	Government	Kementerian Pengajian Tinggi	<i>2013-2015</i>	Research Assisstant
6	Traffic Volume Study And Users Aspirations And Perceptions On IIUM Road Services	Government	IIUM	<i>2014</i>	Research Assisstant
7	Analyzing the Need for Public Transport: A Case Study of Kerian	Government	Institute Darul Ridzuan	<i>Oct 2012</i>	Research Assisstant
8	Draf Rancangan Struktur Negeri Sembilan 2000-2020, (Peringkat Penghabisan)	Government	Jabatan Perancangan Bandar Dan Desa Negeri Sembilan	<i>2004</i>	Consultant
9	Rancangan Tempatan Daerah Pendang 2005-2015 (Peringkat Awal)	Government	JPBD Kedah Majlis Daerah Pendang	<i>2004</i>	Consultant



<b>No.</b>	<b>Project</b>	<b>Government /Private/ International</b>	<b>Client</b>	<b>Year</b>	<b>Position</b>
10	Concept For A Pilot Project Aiming At The Modernization Of Key Traditional Villages In Peninsular Malaysia	Government	Jabatan Perancangan Bandar Dan Desa Semenanjung Malaysia	2004	Consultant
11	Cadangan Penswastaaan Laluan Persisiran Senibong Dari Johor Bharu Ke Pasir Gudang, Johor Darul Takzim Untuk Tetuan L&P Connection Sdn. Bhd.	Private	Tetuan L&P Connection Sdn. Bhd.	2004	Consultant
12	Proposed Resort Development On Lot 304,813,814,815 7 816, Mukim Sedili Kecil, Daerah Kota Tinggi, Johor, For Messrs Tradewinds Corporation Berhad	Private	Tradewinds Corporation Berhad	2004	Consultant
13	Permohonan Kebenaran Merancang Pelan Susunatur Perniagaan Dan Perumahan Mengikut Serahbalik Dan Kurnia Semula Di Atas Sebahagian Lot 4704, Mukim Simpang Kanan, Daerah Batu Pahat Negeri Johor Darul Takzim Untuk Tetuan Asiatic Sdn. Bhd	Private	Tetuan Asiatic Sdn. Bhd	2004	Consultant
14	Permohonan Cadangan Menukar Kegunaan & Tambahan Kepada 1 Blok Bangunan Pejabat 19 Tingkat Basement Kepada Hotel Di Atas Sebahagian Lot 23785 (No. PT 12186) Di Tropicana Golf And Country Resort, Mukim Sungai Buloh, Daerah Petaling Untuk Tetuan Lien Hoe Sdn	Private	Tetuan Lien Hoe Sdn	2004	Consultant
15	Permohonan Untuk Mengubah Jenis Kegunaan Tanah Daripada Pertanian Kepada Perusahaan (Hardware) Di Bawah Seksyen 124 (1) (A) (C) Kanun Tanah Negara Di Atas Lot Hs (D) 113441 PT 19 Pekan Subang, Daerah Petaling Untuk Tetuan Poly M&E Sdn. Bhd.	Private	Tetuan Poly M&E Sdn. Bhd.	2004	Consultant
16	Permohonan Untuk Meminda Pelan Susunatur Yang Telah Diluluskan Bagi Merobohkan Sebahagian Bangunan (Kediaman Penjaga) Dan Membina Sebuah Bangunan (Rekreasi Tertutup) Di Atas Sebahagian Lot 89, Seksyen 5, Petaling Jaya Untuk Tetuan Methodist Trinity Chur	Private	Tetuan Methodist Trinity Church	2004	Consultant
17	The Development Proposal Report For Housing And Commercial Development On Part Of Land Lot 5629 In Mukim Of Dengkil, District Of Sepang For Messrs Straightscape Incon Sdn. Bhd.	Private	Straightscape Incon Sdn. Bhd.	2004	Consultant