



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

## CURRICULUM VITAE



**NAME** : Mohammad Rafee bin Majid

**DATE OF BIRTH** : 14 November 1963

**NATIONALITY** : Malaysian

**MARITAL STATUS** : Married

**HOME ADDRESS** : 19 Jalan Kebangsaan 19  
Taman Universiti  
81300 Skudai, Johor  
H/P: 012-7211501

**CORRESPONDING ADDRESS** : Dept. of Urban and Regional Planning  
Faculty of Built Environment  
Universiti Teknologi Malaysia  
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### ACADEMIC QUALIFICATIONS

Year 2005 : PhD (City and Regional Planning)  
University of North Carolina-Chapel Hill  
North Carolina, USA

Year 1992 : MSc. (Environmental Engineering)  
University of Oklahoma  
Oklahoma, USA

Year 1985 : BSc. (Civil Engineering)  
University of Utah  
Utah, USA

### AREAS OF SPECIALISATION

Environmental Planning  
Water Resources Planning  
Watershed Planning  
GIS (Spatial Statistics, Environmental & Social Applications)

## AWARDS AND ACKNOWLEDGEMENTS

Date	: Awards/Achievements
29 August 2013	i) <b>Best Poster Presentation</b> at 8 <sup>th</sup> International Symposium on Digital Earth 2013 (ISDE2013) – Noradila Rusli, <b>M. Rafee Majid</b> & Ami Hassan Md Din. "Google Earth-Derived Digital Elevation Model: A Comparative Assessment against ASTER and SRTM Data."
1 May 2011	ii) Voted one of <b>Highly Commended Papers</b> of The Journal by Emerald Group Publishing Limited - Idris Nasiru Medugu, <b>M. Rafee Majid</b> , Foziah Johar and I.D. Choji. 2010. "The Role of Afforestation Programme in Combating Desertification in Nigeria". International Journal of Climate Change Strategies and Management. Vol. 2 No.1. Pp 45-47. [ISI IF=0.426]
2011	iii) Anugerah Perkhidmatan Cemerlang UTM
2007	iv) Anugerah Jasa Bakti Perkhidmatan 20 Tahun
2006	v) Anugerah Perkhidmatan Cemerlang UTM
2000	vi) Anugerah Perundingan Terbaik UTM (Kumpulan) – Projek AGISWLK

## PROFESSIONAL EXPERIENCE

Date	: Positions/Employer
November 2010 till present	i) <b>Associate Professor in Environmental Planning</b> Department of Urban and Regional Planning Universiti Teknologi Malaysia
May 2007 – November 2010	ii) <b>Senior Lecturer</b> Department of Urban and Regional Planning Universiti Teknologi Malaysia
August 1992 – May 2007	iii) <b>Lecturer</b> Department of Urban and Regional Planning Universiti Teknologi Malaysia
August 2002 – November 2005	iv) <b>Research Assistant</b> Department of Geography University of North Carolina – Chapel Hill, USA
July 1995 – June 1996	v) <b>Design Engineer (Civil)</b> Ranhill Bersekutu Sdn Bhd Kuala Lumpur
June 1991 – July 1992	vi) <b>Teaching Assistant</b> Department of Civil Engineering University of Oklahoma, Oklahoma, USA
January 1987 – August 1992	vii) <b>Assistant Lecturer 'A'</b> Department of Urban and Regional Planning

September 1986 – Dec 1986	Universiti Teknologi Malaysia <b>viii) Construction Engineer</b> Dept. of Irrigation and Drainage Kota Sarang Semut, Kedah
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### PROFESSIONAL MEMBERSHIP AND RECOGNITION

Date	Positions/Designation/Appointment
April 2010 - Present	i) <b>American Planning Association (APA)</b> (ID:241470)
6 August 2007 – 6 August 2012	ii) <b>Registered EIA Consultant</b> (Subject Specialist) with Department of Environment (Reg. No:CS0327)
1987 - Present	iii) <b>Registered Graduate Engineer</b> with Board of Engineers Malaysia (Reg. No.: 21533A)

### JOURNAL EDITOR/EDITORIAL/ADVISORY PANEL/JOURNAL REVIEWER

Date	Journal Editor/Editorial/Advisory Panel
July 2014 - Present	i) <b>Editorial Board Member</b> International Journal of Built Environment and Sustainability Faculty of Built Environment, UTM
January 2012 - Present	ii) <b>International Advisory Panel</b> Nigerian Journal of Tropical Geography Nasarawa State University, Nigeria
Sept 2006 – Sept 2008	iii) <b>Editorial Board Member</b> Jurnal Alam Bina Faculty of Built Environment, UTM

#### Date : Journal Reviewer

Invited to review articles for the following journals/conferences:

- i) Urban Studies  
Publisher: Sage Journals.
- ii) Resources, Conservation & Recycling  
Publisher: Elsevier.
- iii) Jurnal Teknologi  
Publisher: Universiti Teknologi Malaysia.
- iv) 8<sup>th</sup> International Symposium on Digital Earth (ISDE2013), Kuching, Sarawak.
- v) Journal of Construction in Developing Countries  
Publisher: USM Press & CIB.

- vi) Journal of Geography and Regional Planning  
Publisher: Academic Journals.
- vii) Environment, Development and Sustainability  
Publisher: Springer
- viii) Journal of Water Resource and Protection (JWARP)  
Publisher: Scientific Research Publishing (scirp.org)
- ix) Journal of Agricultural Science and Technology  
Publisher: Tarbiat Modares University, Republic of Iran
- x) Journal of Environmental Assessment Policy and Management  
Publisher: World Scientific Journals
- xi) Planning Malaysia: Journal of The Malaysian Institute of Planners  
Publisher: Malaysian Institute of Planners (MIP)
- xii) African Journal of Agricultural Research  
Publisher: Academic Journals
- xiii) 4<sup>th</sup> International Graduate Conference on Engineering, Science and Humanities 2013  
Organizer: Universiti Teknologi Malaysia
- xiv) 3<sup>rd</sup> Inter. Graduate Conference on Engineering, Science and Humanities 2010  
Organizer: Universiti Teknologi Malaysia
- xv) Proceedings of 1<sup>st</sup> Intern. Conference of Sustainable Urbanization  
Publisher: Hong Kong Polytechnic University
- xvi) Malaysian Journal of Civil Engineering  
Publisher: Department of Civil Engineering, Universiti Teknologi Malaysia
- xvii) Canadian Water Resources Journal  
Publisher: Canadian Water Resources Association
- xviii) The Protected Areas Benefits Assessment Tool: A Proposed Methodology  
Publisher: WWF-World Wide Fund for Nature (UK)
- xix) Jurnal Alam Bina  
Publisher: Fakulti Alam Bina, Universiti Teknologi Malaysia

## ADMINISTRATIVE EXPERIENCE

### FACULTY LEVEL

Date	: Positions/Employer
August 2013 – Present	<b>i) Deputy Dean (Academic)</b> Faculty of Built Environment

	Universiti Teknologi Malaysia
November 2012 – July 2013	<b>ii) Academic Manager (Postgraduate)</b> Faculty of Built Environment Universiti Teknologi Malaysia
October 2011 – November 2012	<b>iii) Head of Department (Postgraduate &amp; Research)</b> Faculty of Built Environment Universiti Teknologi Malaysia
May 2011 – October 2011	<b>iv) Course Director</b> Department of Urban & Regional Planning Faculty of Built Environment
September 2009 – August 2013	<b>v) Course Coordinator</b> Postgraduate (Research) & MSc (Planning – IT) Department of Urban & Regional Planning Faculty of Built Environment
October 2005 – October 2009	<b>vi) Course Coordinator</b> MSc (Planning – Resource & Env. Management) Department of Urban & Regional Planning Faculty of Built Environment
January 2008 – May 2011 Sept 1993 – Sept 1995	<b>vii) Head of Laboratory</b> Environmental Laboratory Department of Urban & Regional Planning Faculty of Built Environment

### INTERNATIONAL APPOINTMENT/COMMITTEE

Date	: Positions/Designation/Appointment
26 Aug 2013 – 29 Aug 2013	i) Appointed as <b>Technical Committee Member</b> for The Low Carbon City Special Session of The 8th International Symposium on Digital Earth 2013 (ISDE2013) held in Kuching, Sarawak.
11 Sept 2011 – 15 Sept 2011	ii) Appointed as <b>Committee Member</b> for 1st Workshop on Protected Areas and Surrounding Communities held at Kota Kinabalu, Sabah by WCPA-Japan and CiPD, FAB.
4 July 2011 – 5 July 2011	iii) Appointed as <b>Committee Member</b> for JICA-UTM's Symposium on Low Carbon Asia Research Project by Kyoto University.
March 2010	iv) Appointed as <b>Chairman of Conference</b> for Seminar on Enhancing Attractiveness of Environmental Assessment and Management (2EA-M) Higher Education (Collaboration with University of Liverpool) under EU Erasmus Mundus funding.

### NATIONAL & LOCAL APPOINTMENT/COMMITTEE

Date	: Positions/Designation/Appointment
April 2014 – April 2015	i) Appointed as <b>Scientific Committee Member</b> for

		International Congress of Asian Planning Schools Association (APSA) 2015 to be held August 2015 at UTM, Johor.
April 2012 – March 2014	ii)	<b>President of Parent &amp; Teachers Association</b> (PIBG) of Sek. Keb. Taman Desa Skudai, Skudai, Johor.
April 2011 – December 2012	iii)	Appointed as <b>Technical Committee Member</b> of Kajian Pembangunan Pangkalan Data (Spatial) Bagi Kawasan Bandar Padat by Department of Town and Country Planning (JPBD), Malaysia.
March 2011 – Present	iv)	Appointed as <b>Working Committee Member</b> of Pembangunan Kejiranan Hijau by Majlis Teknologi Hijau Negara dan Perubahan Iklim (MTHNPI) Kementerian Tenaga, Tekno. Hijau & Air (KETTHA).
7 December 2011	v)	Appointed as <b>expert panel member</b> of Presentation to Stakeholders of An Environmental Management Study of RAMSAR Sites in Iskandar Malaysia by Khazanah Malaysia & IRDA.
22 August 2011	vi)	Appointed as <b>Facilitator</b> for “Mini Lab Penyediaan Bajet Negeri Johor 2012” bagi Sektor Pelancongan. Organised by UPEN, Johor.

#### UNIVERSITY APPOINTMENT/COMMITTEE

<b>Date</b>	<b>:</b>	<b>Positions/Committee</b>
1 Aug 2014 – 30 April 2015	i)	<b>Advisor to PhD Fellow</b> MIT-UTM Sustainable Cities Programme
8 Sept – 23 Sept 2014	ii)	<b>Editor, Book Chapter 2014</b> , Department of Urban & Regional Planning, Faculty of Built Environment, UTM
July 2014 - Present	iv)	<b>Editorial Board Member</b> International Journal of Built Environment and Sustainability Faculty of Built Environment, UTM
19 Jun 2014	v)	<b>Committee Member</b> Postgraduate Academic Awards Nomination Committee School of Graduate Studies, UTM
9 – 11 May 2014	vi)	<b>Technical Committee Member</b> International Conference on Urban and Regional Planning 2014 (ICURP2014) Dept. of Urban & Regional Planning Faculty of Built Environment, UTM
1 July 2014 – 1 Sept 2014	vii)	<b>Panel Member</b> FRGS 2/2014 Research Proposal Evaluation Panel Sustainability Research Alliance Deputy Vice-Chancellor (P&I) Office, UTM
1 Jan 2014 – 1 Mar 2014	viii)	<b>Panel Member</b>

		FRGS 1/2014 Research Proposal Evaluation Panel Sustainability Research Alliance Deputy Vice-Chancellor (P&I) Office, UTM
1– 2 July 2013	ix)	<b>Scientific Committee Member</b> Land & Water 2013 Water Resources & Land Sustainability Seminar IPASA & Faculty of Civil Engineering, UTM
10 April 2013	x)	<b>Panel Member</b> Hadiah Kualiti Akademik Assessment Panel Deputy Vice Chancellor (A&A) Office, UTM
23 – 25 April 2013	xi)	<b>Panel Member</b> International Doctoral Fellowship (IDF) Interview Panel School of Graduate Studies, UTM
1 July 2013 – 1 Sept 2013	xii)	<b>Panel Member</b> FRGS 2/2013 Research Proposal Evaluation Panel Sustainability Research Alliance Deputy Vice-Chancellor (P&I) Office, UTM
1 Jan 2013 – 1 Mar 2013	xiii)	<b>Panel Member</b> FRGS 1/2013 Research Proposal Evaluation Panel Sustainability & Water Research Alliances Deputy Vice-Chancellor (P&I) Office, UTM
Jan 2013 – Dec 2014	xiv)	<b>Committee Member</b> Executive Council on Sustainable Campus Deputy Vice-Chancellor (P&I) Office, UTM
5 Sept 2012	xv)	<b>Panel Member</b> ERGS Research Proposal Evaluation Panel Sustainability Research Alliance Deputy Vice-Chancellor (P&I) Office, UTM
23 Nov 2011	xvi)	<b>Panel Member</b> RUG Research Progress Evaluation Panel Sustainability Research Alliance Deputy Vice-Chancellor (P&I) Office, UTM
Aug 2011	xvii)	<b>Panel Member</b> ERGS Research Proposal Evaluation Panel Water Research Alliance Deputy Vice-Chancellor (P&I) Office, UTM
Jun 2011 – July 2011	xviii)	<b>Facilitator</b> SLAB Research Methodology Workshop Faculty of Built Environment, UTM
Oct 2011 – Oct 2013	xix)	<b>Committee Member</b> Postgraduate Curriculum & Syllabus Committee Dept. of Urban & Regional Planning Faculty of Built Environment, UTM
Jun 2011 – May 2013	xx)	<b>Committee Member</b>

	Facility Management Committee Faculty of Built Environment, UTM
23 – 28 Mar 2011	xxi) <b>Committee Member</b> UTMost Imagination 2011 Deputy Vice-Chancellor (A&I) Office, UTM
Mar 2011 – May 2011	xxii) <b>IT Manager (Acting)</b> Faculty of Built Environment, UTM
Mar 2011	xxiii) <b>Panel Member</b> ERGS Research Proposal Evaluation Panel Sustainability Research Alliance Deputy Vice-Chancellor (P&I) Office, UTM
Jan 2011 – Dec 2012	xxiv) <b>Committee Member</b> Promotion & Marketing Committee Faculty of Built Environment, UTM
Jan 2011 – Dec 2012	xxv) <b>Committee Member</b> Technical Committee on Sustainable Campus Deputy Vice-Chancellor (P&I) Office, UTM
Oct 2010	xxvi) <b>Committee Member</b> Task Force on Traffic Management Study for Skudai Campus Deputy Vice-Chancellor (P&I) Office, UTM
Oct 2010	xxvii) <b>Panel Member</b> Research Proposal Evaluation Panel Water Research Alliance Deputy Vice-Chancellor (P&I) Office, UTM
Mar 2007 – May 2010	xxviii) <b>Committee Member</b> Task Force on Evaluation of Laboratory Organisation in UTM Deputy Vice-Chancellor (P&I) Office, UTM
Oct 2009 – Sept 2011	xxix) <b>ISO Internal Auditor</b> Faculty of Built Environment, UTM
Jun 2010 – July 2010	xxx) <b>Facilitator</b> SLAB Research Methodology Workshop Faculty of Built Environment, UTM
Aug 2007 – July 2009	xxx) <b>Pengerusi</b> Badan Kebajikan Kakitangan Alam Bina Faculty of Built Environment, UTM

## TEACHING EXPERIENCE

### UNDERGRADUATE COURSES TAUGHT

Code	:	Subject
SBP4344	i)	Option Paper (Watershed Planning)
SBP4344	ii)	Option Paper (Spatial Statistics For Social Science)
SBP4344	iii)	Option Paper (Green Neighbourhoods)



SBP4302	iv)	Planning Research
SBP4295	v)	Feasibility Study Studio
SBP3433	vi)	Open Source Gis
SBP3253	vii)	Environmental Studies
SBP3233	viii)	GIS in Planning
SBP2455	ix)	Layout Design Studio
SBP2143	x)	Urban Engineering
SBEP2532	xi)	Spatial Analysis & Modeling
SBEP1323	xii)	Urban Engineering
SBEP1312	xiii)	Quantitative Techniques
POSTGRADUATE COURSES TAUGHT		
Code	:	Subject
MLA2233	xiv)	Land Use And Environmental Planning
MBW3334	xv)	Studio III
MBW2655	xvi)	Masters Project
MBW2523	xvii)	Spatial Analysis & Modeling
MBW2183	xviii)	Resource Planning & the Environment
MBW1103	xix)	Planning Theory And Principles
MBW 2643	xx)	Option Paper (GIS)
MBW 2633	xxi)	Environmental Impact Assessment
MBW 2613	xxii)	Resource Economics
MBW 1603	xxiii)	Environmental Resource Planning
MBR1113	xxiv)	Urban Design Methodology
MBN2563	xxv)	Application and Implementation of GIS
MBN 2523	xxvi)	Spatial Analysis & Modeling
ULP0010	xxvii)	Research Methodology

RESEARCH EXPERIENCE		
INTERNATIONAL GRANTS		
Date	:	RESEARCH
May 2011 – Jun 2016	i)	<b>Co-Investigator.</b> Development of Low Carbon Society for Asian Regions - A Project of SATREPS (Science and Technology Research Partnership for Sustainable Development). RM6mil. Funded by JICA.
LOCAL GRANTS		
Date	:	RESEARCH
1 Apr 2014 – 31 Mar 2016	ii)	<b>Principal Investigator.</b> The Role of Neighbourhood Physical Design in Controlling The Quantum Of Travel-Induced Carbon Emission. RM39,000.00. Funded by UTM GUP Grant – Tier 1. Ongoing.
1 Apr 2014 – 31 Mar 2015	iii)	<b>Co-Investigator.</b> An Instrument to Measure The Effects Of Built Environment on Childhood Obesity In Urban Neighborhoods. Funded by UTM GUP Grant – Tier 1. Ongoing.
16 Dec 2013 - 15 Dec 2016	iv)	<b>Co-Investigator.</b> Characterising Fundamental Linkage Between Urban Form Principles and Urban

		Eco-Efficiency. RM79,000.00. Funded by FRGS, MOHE. Ongoing.
1 June 2013 – 31 May 2015	v)	<b>Co-Investigator.</b> Exploring The Physical and Socio-Economic Transformation As The Gentrification Process In Iskandar Malaysia. RM39,750.00. Funded by ERGS, MOHE. Ongoing.
16 Dec 2013 - 15 Dec 2014	vi)	<b>Principal Investigator.</b> Development of Public Health-Oriented Environment By Applying Urban Planning and Design Measures With Focus On Childhood Obesity. RM39,750.00. Funded by FRGS, MOHE. Ongoing.
1 Jan 2012 - 31 Dec 2014	vii)	<b>Co-Investigator.</b> Pilot Project Low Carbon Cities Framework (LCCF) and Assessment System. RM50,000.00. Funded by Malaysia Green Technology Cooperation (MGTC). Ongoing.
1 Oct 2013- 30 Sept 2014	viii)	<b>Supervisor.</b> Post Doctorate Fellowship on Community-Level Management of The Effects of Land Use/Land Cover Changes on The Magnitude and Frequency of Flooding. RM65,000.00. Funded by UTM GUP Grant - PDRU. Completed.
1 Apr 2012 – 30 Jun 2014	ix)	<b>Co-Investigator.</b> Development of Zero Waste Community Towards a Low Carbon Society of Sustainable Metropolis of Iskandar Malaysia. RM50,000.00. Funded by FRGS, MOHE. Completed.
1 Dec 2012 – 31 Dec 2013	x)	<b>Co-Investigator.</b> Spatial Planning Guidelines for Mitigating Chronic Disease Outbreak in Rapid Urbanizing Context. RM32,000.00. Funded by UTM GUP Grant – Tier 2. Completed.
1 Dec 2012 – 31 Dec 2013	xi)	<b>Co-Investigator.</b> The Development of Plan Outcome Evaluation Methodology: A Case of Iskandar Malaysia. RM35,000.00. Funded by UTM GUP Grant – Tier 2. Completed.
Aug 2011- Oct 2014	xii)	<b>Principal Investigator.</b> Community-Level Management of The Effects of Land Use/Land Cover Changes on The Magnitude and Frequency of Flooding. RM201,808.00. Funded by UTM GUP Grant - Flagship. Completed.
1 Apr 2011 – 30 Jun 2013	xiii)	<b>Principal Investigator.</b> Sustainable Neighborhood Design: Updating of Malaysian Planning Standards to Address The Threats of Climate Change. RM127,000.00. Funded by UTM GUP Grant – Tier 1. Completed.
1 Apr 2011 – 30 Jun 2013	xiv)	<b>Co-Investigator.</b> Evaluating the Effectiveness of the Management of Terrestrial Protected Areas in Malaysia. RM148,000.00. Funded by UTM GUP Grant – Tier 1. Completed.

1 Apr 2011 – 31 Mar 2013	xv)	<b>Co-Investigator.</b> Development of Urban Fabric Framework Model for Sustainable Security and Safety in Iskandar Metropolis. RM149,000.00. Funded by UTM GUP Grant – Tier 1. Completed.
May 2010 – Apr 2011	xvi)	<b>Principal Investigator.</b> Spatial Autocorrelation of Poverty Incidence in Mukims within Peninsular Malaysia. RM10,000.00. Funded by CiPD, UTM. Completed.
May 2010 – Apr 2011	xvii)	<b>Co-Investigator.</b> Internal Migration in Klang Valley: A Spatial Correlation Analysis. RM10,000.00. Funded by CiPD, UTM. Completed.
14 Aug 2009 - 13 Nov 2011	xviii)	<b>Principal Investigator.</b> Integrating Residential Planning Guidelines and Transit-Oriented Development in Planning for Inner City. RM20,000.00. Funded by FRGS, MOHE. Completed.
Completed Oct 2010.	xix)	<b>Co-Investigator.</b> Integrated Landuse, Landscape & Building Design Guidelines as Flood Mitigation Tools. RM40,000.00. Funded by FRGS, MOHE. Completed.
1 Jun 2007 – 31 Oct 2008	xx)	<b>Principal Investigator.</b> Impervious Surface Estimation Model for Residential Estates/Subdivisions. RM29,500.00. Funded by FRGS, MOHE. Completed.
Completed May 2008.	xxi)	<b>Co-Investigator.</b> Development Guidelines for the RAMSAR Site in Tanjung Piai, Johor. Funded by MOHE. RM32,000.00. Completed.
Jan 2005 - Nov 2005.	xxii)	<b>Co-Investigator.</b> Vulnerability of North Carolina Watersheds to Drought. Sponsored by North Carolina Urban Water Consortium. USD67,000. Completed.
Jan 2002 – December 2003	xxiii)	<b>Co-Investigator.</b> Drought Vulnerability in the Catawba River Basin. Sponsored by Duke Energy Foundation. USD100,000. Completed.
1998 – 2000	xxiv)	<b>Co-Investigator.</b> GIS Applications for Development Control in Klang Valley (AGISwtk). Sponsored by Bahagian Kemajuan Wilayah Lembah Kelang, Jabatan Perdana Menteri. RM257,000. Completed.

### CONSULTANCY EXPERIENCE (Post-2005)

#### INTERNATIONAL

#### Date : Project

Jun 2012 - Jan 2013	i)	Tourism Master Plan for the Islands of Anambas in Riau Islands Province, Indonesia. Budget Approved RM50,000. <i>Client:</i> Pemerintah Provinsi Kepulauan Riau <i>Role:</i> Consultant (Environ. & Infrastructure Sectors)
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<b>NATIONAL</b>		
<b>Date</b>	<b>:</b>	<b>Project</b>
Oct 2014 – Mar 2015 (ongoing)	ii)	Study on the Performance and Improvement of Registered Homestays in Malaysia (Vote No. – UTSB). Budget approved RM499,857.94. Client: Ministry of Tourism, Malaysia Role: Consultant (Environ. & Infrastructure Sectors)
Sept 2014 – Dec 2014 (ongoing)	iii)	Kajian Keupayaan Tampung (Carrying Capacity) Pembangunan Pelancongan di Langkawi (Vote No. – UTSB) . Budget approved RM372,185.20 Client: Langkawi Development Authority (LADA) Role: Consultant (Environ. & Infrastructure Sectors)
July 2014 – Dec 2014	iv)	Study on the Repositioning of Pulau Perhentian as a Premier Ecotourism Destination. Budget approved RM441,111.94 Client: Tourism Malaysia Role: Consultant (Environ. & Infrastructure Sectors)
July 2012 – Mar 2013	v)	Developing an Endorsement Guideline for Tourism Products in Langkawi (Vote No. 673 - UTSB). Budget approved RM261,403.40. Client: Ministry of Tourism, Malaysia Role: Consultant (Environ. & Infrastructure Sectors)
Apr 2012 – Mar 2013	vi)	Strategic Review of the Malaysian Tourism Industry Policy And Implementation Ministry of Tourism (Vote No. 660 - UTSB). Budget approved RM407,781.00. Client: Ministry of Tourism, Malaysia Role: Consultant (Environ. & Infrastructure Sectors)
Oct 2011 – Apr 2012	vii)	Pelan Induk Pelancongan Negeri Johor, 2012 – 2021 (Vote No. 632 – UTSB). Budget approved RM470,027.63 Client: Unit Perancangan Ekonomi Negeri (UPEN), Johor Role: Consultant (Environ. & Infrastructure Sectors)
Jan 2011 – Jun 2011	viii)	Kajian Pelan Pengurusan dan Pelaksanaan Pembangunan Pelancongan di Gugusan Kepulauan Mersing (Vote No. 63705 – BIP). Budget approved RM 250,00.00 Client: Radiant Starfish Development Sdn Bhd Role: Consultant (Environmental Planning Sector)
Mar 2010 – Aug 2010	ix)	Kajian Pembangunan Komuniti Pelancongan Kepulauan Mersing, Johor (Vote No. 63312 – BIP). Budget approved RM80,000 Client: Jabatan Perancangan Bandar Dan Desa (JPBD) Negeri Johor Role: Consultant (Environ. & Infrastructure Sectors)
Jun - Dec 2009	x)	Penempatan Gugusan Pulau Di Pesisiran Pantai Negeri Johor (Vote No. 63312 – BIP). Budget approved RM99,000 Client: Jabatan Perancangan Bandar Dan Desa

		(JPBD) Negeri Johor Role: Consultant (Environ. & Infrastructure Sectors)
Jan 2010 – Jun 2010	xi)	Kajian Cadangan Mewujudkan Zon Bebas Cukai di Tasik Kenyir (Vote No. 63098 – BIP). Budget approved RM250,000 Client: KETENGAH & UPEN, Terengganu Role: Consultant (Environ. & Infrastructure Sectors)
May 2010 – Aug 2010	xii)	Kajian EIA Cadangan Mewujudkan Zon Bebas Cukai di Tasik Kenyir (Vote No. 63098 – BIP). Budget approved RM250,000 Client: KETENGAH & UPEN, Terengganu Role: Project Leader
Nov 2010 – Mac 2012	xiii)	Landscape Master Plan for Majlis Daerah Segamat Client: Jab. Landskap Negara Role: Consultant (Environmental Planning Sector)
Completed Dec 2011	xiv)	Monitoring System of Land Use Planning in The State of Selangor. Client: JPBD Selangor Role: Consultant
Completed Feb 2010	xv)	Desk Study on River Buffer Zone in Malaysia: Policies, By Laws and Incentives. Client: Nat. Hydraulics Inst. of Malaysia (NAHRIM) Role: Project Leader
Completed Apr 2010	xvi)	Jerantut District Local Plan for Majlis Daerah Jerantut, Pahang (In association with MN Consult). Client: JPBD Semenanjung Malaysia Role: Consultant (Utility & Infrastructure Sector)
Completed Jun 2009	xvii)	Business Strategy, Marketing and Implementation Plan for Palm Oil Industrial Cluster (POIC), Kuantan Port City, Pahang for East Coast Economic Region Development Council (In collaboration with Malaysian Industry-Government Group for High Technology (MIGHT)). Client: Eastern Corridor Economic Region (ECER) Role: Consultant (Environmental Planning)
Completed Nov 2009	xviii)	Optimization of Rainfall Observation Network on Model Calibration and Application for the Johor, Batu Pahat and Muar River Basins. Client: JPS Malaysia Role: Consultant (Hydrological Modeling)
Completed Aug 2009	xix)	Hulu Selangor District Local Plan for Majlis Daerah Hulu Selangor, Selangor (In association with Analisis Town Planning Consultant). Client: JPBD Semenanjung Malaysia Role: Consultant (Utility & Infrastructure Sector)
Completed Nov 2008	xx)	Study on Auditing and Improvement of Tourism Products and Package Tours in Pulau Pinang (Vote No. 63068 – BIP). Budget approved RM150,000.00

		Client: Ministry of Tourism, Malaysia Role: Consultant (Environ. & Infrastructure Sectors)
Completed Aug 2008	xxi)	Kajian Pelan Pembangunan Mengikut Zon Di Sepanjang Laluan Jalan Simpang Pulai – Gua Musang – Kuala Berang, Tasik Kenyir, Negeri Terengganu Darul Iman (2007 – 2027) (Vote No. 63098 – BIP). Budget approved RM300,000 Client: KETENGAH & UPEN, Terengganu Role: Consultant (Environ. & Infrastructure Sectors)
Completed Sept 2007	xxii)	Kajian Morfologi Bandar Kuala Terengganu. Client: JPBD Semenanjung Malaysia Role: Consultant (Infrastructure Sector)
Completed July 2007	xxiii)	A Study on the Incorporation of Geohazard Guidelines in Development Plan Manuals. Client: JPBD Semenanjung Malaysia Role: Consultant (Drainage System)
Completed Nov 2007	xxiv)	Landscape Master Plan for Majlis Perbandaran Taiping. Client: Jab. Landskap Negara Role: Consultant (Environmental Planning Sector)
Completed July 2007	xxv)	Landscape Master Plan for Majlis Daerah Cameron Highlands. Client: Jab. Landskap Negara Role: Consultant (Environmental Planning Sector)
Completed May 2007	xxvi)	Corporate Plan for Majlis Daerah Kuala Langat Client: Majlis Daerah Kuala Langat Role: Consultant
Completed May 2006	xxvii)	Corporate Plan 2006 – 2010 for Majlis Perbandaran Sepang Client: Majlis Perbandaran Sepang Role: Consultant
Completed Jan 2006	xxviii)	Preliminary Environmental Impact Assessment of Modern Large-Scale Agriculture Complex in Kluang, Johor Darul Ta'zim. Client: Ministry of Agriculture and Agro-based Industry Role: Consultant

## POSTGRADUATE SUPERVISION

### Post-Doctoral Fellows

- Name: **Dr. Idris Nasiru Medugu**  
Research: *Community-Level Management of The Effects of Land Use/Land Cover Changes on The Magnitude and Frequency of Flooding*  
Supervision Period: July 2012 – June 2013, October 2013 – September 2014
- Name: **Dr. Akindele O. Akin** (MIT-UTM MSCP Scholar)  
Research: *Mall Concentration and The Socio-Spatial Dialectic of Public Spaces*  
Supervision Period: September 2014 – May 2015

**PhD Students****Main Supervisory**

1. Name: **Idris Nasiru Medugu**  
Title: *The Success of An Afforestation Program in Combating Desertification in Nigeria*  
Year of Study: 2007 - 2010  
**Graduation Date: 12 Aug 2010 (Graduated)**
2. Name: **Ishaku Hassan Tsenbeya**  
Title: *Rain Water Harvesting Through Community Participation For Water Supply in Nigeria*  
Year of Study: 2009 - 2012  
**Graduation Date: 5 Dec 2012 (Graduated)**
3. Name: **Hassan Yerima Tifwa**  
Title: *Economic Valuation of Wetlands in Riparian Communities of Lokoja, Kogi State, Nigeria*  
Year of Study: 2011 - 2014  
**Graduation Date: 26 Oct 2014 (Graduated)**
4. Name: **Seyed Nima Moeinzadeh Mirhosseini**  
Title: *Impact of Lifestyle and Socio-economic Factors on Carbon Footprint in Iskandar Malaysia*  
Year of Study: 2010 - 2014  
**Graduation Date: 6-month correction till May 2015**
5. Name: **Noradila binti Rusli @ Ruslik**  
Title: *Hydrological Impact of Large Scale Land Use Conversion from Rubber to Oil Palm Plantation*  
Year of Study: 2012 - Present  
**Graduation Date: Submitting thesis in Dec 2014**
6. Name: **Dario P. Pampanga**  
Title: *Urban Livability Indicators for Cities in the East Asian Region*  
Year of Study: 2012 - Present  
**Graduation Date: Expected 2015**
7. Name: **Abdul-Wahab Shuaibu**  
Title: *Self-Supply As A Coping Strategy Within The Public Water Supply Network*  
Year of Study: 2012 - Present  
**Graduation Date: Expected 2015**
8. Name: **Utange Jonathan Zungwenen**  
Title: *Poverty Reduction in The World Bank-Sanctioned Community Participation Projects in Kebbi State, Nigeria*  
Year of Study: 2012 - Present  
**Graduation Date: Expected 2015**

**Co-Supervisory**

1. Name: **Mohammed Sulamena**  
Title: *The Effectiveness of the Decentralization Policy as a Tool for Poverty Eradication in the East Gonja District of Ghana*  
Year of Study: 2011 - 2014  
**Graduation Date: 1 Apr 2014 (Graduated)**

2. Name: **Hassan Abdul-Aziz**  
Title: *Effectiveness of Environmental Management of Wilderness Parks in Nigeria*  
Year of Study: 2012 – Present  
**Graduation Date: Expected 2015**
3. Name: **Zakka Solomon Dyachia**  
Title: *Infrastrure Planning in Nigeria*  
Year of Study: 2014 - Present  
**Graduation Date: Expected 2017**
4. Name: **Yeap Chu Im**  
Title: *Low Carbon Society*  
Year of Study: 2014 – Present  
**Graduation Date: Expected 2017**

#### MSc Student

##### a) MSc (Urban and Regional Planning) (Research)

1. Name: **Yusuf Ezekiel Agbu**  
Title : *The Role of Scavengers in Solid Waste Handling in Jalingo Town, Nigeria*  
Year of Study: 2011 – 2013  
**Graduation Date: Apr 2013 (Graduated)**
2. Name: **Alia Nurashikin Nordin**  
Title : *Influence of Housing Area Pattern and Design on Vehicle-Miles-Travel in Iskandar Malaysia Neighbourhoods*  
Year of Study: 2011 – 2014  
**Graduation Date: Aug 2014 (Graduated)**
3. Name: **Muhammad Azahar Zikri Zahari**  
Title : *Land Use Type and the Air Quality Monitoring (Particulate Matter) in Iskandar Malaysia*  
Year of Study: 2012 – Present  
**Graduation Date: Expected Mar 2015 (Draft thesis submitted)**
4. Name: **Muhammad Feiruz Rusman**  
Title : *Centrality Assessment of Neighbourhood Commercial Areas*  
Year of Study: 2012 – Present  
**Graduation Date: Expected Mar 2015 (Draft thesis submitted)**
5. Name: **Sharifah Athirah Izyan Wan Kassim**  
Title: *Mixed Land Uses and Travel Carbon Emissions : The Relationships in the Neighborhood of Iskandar Malaysia*  
Year of Study: 2012 – Present  
**Graduation Date: Expected Mar 2015 (Draft thesis submitted)**
6. Name: **Abdullahi Baba Muhammed**  
Title: *Optimal Water Distribution Using Geographic Information System in Yola, Nigeria*  
Year of Study: 2013 – Present  
**Graduation Date: Expected July 2015**
7. Name: **Mohd Aizat bin Saiful Bahri**  
Title: *Neighbourhood Walkability and Incidence of Diabetes*  
Year of Study: 2013 - Present  
**Graduation Date: Expected May 2015**
8. Name: **Kharol Anwar Mohd Alias**



Title: *Neighbourhood Walkability and Incidence of Obesity*

Year of Study: 2013 – Present

**Graduation Date: Expected Oct 2015**

9. Name: **Anis Shazreen Azmi**

Title: *Neighbourhood Design and Travel-Induced Carbon Emission*

Year of Study: 2014 - Present

**Graduation Date: Expected Dec 2015**

10. Name: **Nadhirah Nordin**

Title: *Co-benefits of Air Pollution Reduction in Iskandar Malaysia*

Year of Study: 2014 – Present

**Graduation Date: Expected Dec 2015**

**b) MSc (Urban and Regional Planning) (Taught Course) – Masters Project**

1. Name: **Mahyar Masoudi** (Iran)

Title: *Ecological Principles of Green Network in Iskandar Malaysia*

Supervision Period: Jan 2012 – May 2012

2. Name: **Mehdard Vaziri** (Iran)

Title: *Spatial Distribution of Poverty Incidence in Peninsular Malaysia*

Supervision Period: Jan 2012 – May 2012

3. Name: **Reyhaneh Behboudi** (Iran)

Title: *Coherence In Environmental Policies Among Iskandar Malaysia's Blueprints*

Supervision Period: Sept 2011 – Feb 2012

4. Name: **Pooneh Raisdana** (Iran)

Title: *Ecological Footprints of Selected UTM's Community Members*

Supervision Period: May 2010 – Dec 2010

5. Name: **Mohd Khairul Zainoon Nor**

Title: *Perkaitan Antara Guna Tanah dan Gejala Dadah serta Jenayah*

Supervision Period: **May 2009 – Dec 2010**

6. Name: **Adi Safyan Yahya**

Title: *Development of Seismic Microzonation Maps Using Geographic Information System Based on Analytical Hierarchy Process*

Supervision Period: **May 2010 – Dec 2010**

7. Name: **Abu Albert Mornya** (Seirra Leone)

Title: *Identification of landfill site by using GIS and Multi-Criteria Method in Batam, Indonesia*

Supervision Period: **Jan 2010 – Jun 2010**

8. Name: **Nurul Shahirawati Mohamed Rusli**

Title: *Application of The Travel Cost Method on Urban Forests in Johor Bahru*

Supervision Period: **Jan 2010 – Jun 2010**

9. Name: **Seyed Nima Moeinzadeh Mirhosseini** (Iran)

Title: *Visitors Willingness-To-Pay For Entrance Fees To Khabr National Park*

Supervision Period: **Jan 2010 (1 Semester)**

10. Name: **Dinara Yerymbekyzz** (Khazakstan)

Title: *Korgalzhyn State Nature Reserve: Management Process and Its Problems*

Supervision Period: **May 2009 – Nov 2009**

11. Name: **Ibrahim Sada Rufa** (Nigeria)  
Title: *Rugu National Park, Nigeria: Evaluation of Its Benefits Using Protected Area Benefit Assessment Tool (PA-BAT)*  
Supervision Period: **May 2009 – Nov 2009**
12. Name: **Evi Yusriani** (Indonesia)  
Title: *Configuring Suitable Landfill Sites Using GIS Network Analyst. Case Study: Municipality of Batam, Indonesia*  
Supervision Period: **May 2009 – Jul 2009**
13. Name: **Alpano Priyandes** (Indonesia)  
Title: *Impact of Reclamation Activities on The Environment. Case Study: Reclamation in The Northern Coast of Batam*  
Supervision Period: **Apr 2009 – Jul 2009**
14. Name: **Norhayati binti Salleh**  
Title: *Tahap Willingness-To-Pay Di Kalangan Pengunjung Hutan Bandar*  
Supervision Period: **Jan 2009 (1 Semester)**
15. Name: **Gobi Krishna Sinniah**  
Title: *Sustainable Campus: Perceptions Amongst UTM Community*  
Supervision Period: **Jan 2009 (1 Semester)**
16. Name: **Idris Nasiru Medugu** (Nigeria)  
Title: *A Comprehensive Approach to Addressing Drought and Desertification in Nigeria*  
Supervision Period: **Jan 2007 (1 Semester)**
17. Name: **Haiza Wahida binti Harun**  
Title: *Penggunaan Web GIS oleh Pihak Berkuasa Perancangan Bandar: Tinjauan Kandungan dan Tahap Perkhidmatan Yang Disediakan*  
Supervision Period: **Aug 2006 (1 Semester)**
18. Name: **Adel Mohamed Zidan** (Libya)  
Title: *The Impact of The Great Man-made River Project on Libya's Agricultural Activities and The Environment*  
Supervision Period: **January 2007 (1 Semester)**
19. Name: **Mohd Azamrul bin Harun**  
Title: *Kesanggupan Pengunjung Membayar Untuk Aktiviti dan Menyumbang Kepada Tabung Pemuliharaan Di Taman Negara Endau-Rompin*  
Supervision Period: **Januari 2007 (1 Semester)**
20. Name: **Nurul Iswani binti Ismail**  
Title: *Persepsi Keselamatan Pelancong Di Kawasan Ekopelancongan. Kajian Kes: Taman Negara Pahang*  
Supervision Period: **January 2006 (1 Semester)**

## POSTGRADUATE EXAMINATION/VIVA

### CHAIRMANSHIP OF VIVA VOCE

1. Chairman of PhD Viva Voce for Anahita Zendeheldan. *Hospital as an Extension of Patients' Homes*. 23 Feb 2014.

2. Chairman of Masters Viva Voce for Siti Fatimah Ilani Bilyamin. 3 Dec 2013.

#### PhD INTERNAL EXAMINER

1. Ph.D Thesis. **Umaru Emmanuel Tanko** (2014) "Spatial Epidemiology of The Spread of *Meningococcal meningitis* in Kaduna Urban Area, Nigeria", Doctor of Philosophy (Urban & Regional Planning), Universiti Teknologi Malaysia.
2. Ph.D Thesis. **Mehdi Moeinaddini** (2013) "The Effectiveness of Urban Structure Indicators in Reducing Private Motorized Trips", Doctor of Philosophy (Transportation Planning), Universiti Teknologi Malaysia.
3. Ph.D Thesis. **Zohreh Asadi Shekari** (2013) "A Non-motorized Level of Service Method for Evaluating Walking and Cycling Facilities on Urban Streets", Doctor of Philosophy (Transportation Planning), Universiti Teknologi Malaysia.
4. Ph.D Thesis. **Amir Mahmood Ghaffari** (2012) "Urban Growth Simulation of Land Use and Transportation Interactions Using Cellular Automata", Doctor of Philosophy (Transportation Planning), Universiti Teknologi Malaysia.
5. Ph.D Thesis. **Soheil Sabri** (2012) "Geosimulation of Gentrification in Kuala Lumpur", Doctor of Philosophy (Urban & Regional Planning), Universiti Teknologi Malaysia.

#### MSc EXTERNAL EXAMINER

1. Masters Thesis. **Ainaa Nawwarah Ibrahim** (2014) "The Investigation of Human Induced Factors of Coastal Erosion in Selangor", Master of Science in Built Environment, International Islamic University.
2. Masters Thesis. **Siti Nurshahida binti Nazli** (2012) "The Clinical Waste Management: Case Study in Malaysian District Hospitals", Master in The Specialism of The Built Environment, Universiti Teknologi MARA.

#### MSc INTERNAL EXAMINER

1. Masters Thesis. **Hazlini binti Dzinun** (2011) "Thermal Behaviours of Vertical Building Surface Materials", Master of Engineering (Environment), Universiti Teknologi Malaysia.
2. Masters Thesis. **Noradila binti Rusli @ Ruslik** (2011) "Kesan *Low Impact Development* Ke Atas Hidrologi Kawasan Perumahan", MSc (Urban and Regional Planning), Universiti Teknologi Malaysia.

#### UNDERGRADUATE PSM SUPERVISION

1. Name: **Mohd Iwafie Abdul Somad**  
PSM Title: Perkaitan antara Kualiti Air Sungai dan Guna Tanah Kampus UTM Skudai  
Year: 2014
2. Name: **Razuan Razali**  
PSM Title: Analisis Taburan Spatial Penduduk Mengikut Kaum  
Year: 2013
3. Name: **Mohd Irwan Hafifi Bin Abdul Rahim**

- PSM Title: Kajian Taburan Penduduk Bukan Warganegara Berdasarkan Mukim di Semenanjung Malaysia  
Year: 2013
4. Name: **Mohd Qusyairi Adnan**  
PSM Title: Kajian Taburan Spatial Kemalangan Jalanraya di Malaysia  
Year: 2013
  5. Name: **Amirah Zakariah**  
PSM Title: Analisis Spatial Taburan Warga Emas Mengikut Kaum  
Year: 2013
  6. Name: **Nurul Asyikin Sahed**  
PSM Title: Kajian Taburan Spatial Penagihan Dadah di Johor  
Year: 2013
  7. Name: **Sharifah Athirah Iziyan Wan Kassim**  
PSM Title: Indeks Kepelbagaian Guna Tanah Dan Perubahan Pembangunan Bercampur Di Iskandar Malaysia (Pra1980an-2000an)  
Year: 2012
  8. Name: **Nurul Diyana Aziz**  
PSM Title: Analisis Kedekatan Bagi Kawasan Perumahan Ke Pusat Komersial di Iskandar Malaysia  
Year: 2012
  9. Name: **Noramiza Illiany Binti Mustafa**  
PSM Title: Kolam Pengoksidaan di Taman Perumahan Iskandar Malaysia Sebagai Habitat Avifauna  
Year: 2012
  10. Name: **Janatun Naim Binti Yusof**  
PSM Title: Kekenalan Haiwan Di Kalangan Remaja Mengikut Kawasan Perumahan  
Year: 2012
  11. Name: **Muhammad Faeruz Bin Rusman**  
PSM Title: Kesambungan (Connectivity) Jaringan Jalan Raya Dalam Taman Perumahan di Iskandar Malaysia dari Dekad Pra1980an Sehingga 2010  
Year: 2012
  12. Name: **Azman Zainudin**  
PSM Title: Potensi Pembangunan "Infill" di Atas Tanah Rizab Kerajaan dalam Iskandar Malaysia  
Year: 2012
  13. Name: **Siti Nurasma Musa**  
PSM Title: Perkembangan Kawasan Tadahan Cawangan Restoran Makanan Segera Iskandar Malaysia  
Year: 2012
  14. Name: **Amy Anthony Abad**  
PSM Title: Jumlah Keluasan Dan Penggunaan Lorong Belakang di Taman-Taman Perumahan  
Year: 2012
  15. Name: **Nadzirah Jausus**  
PSM Title: Analisis Taburan Kepadatan Perumahan Di Iskandar Malaysia

Year: 2012

16. Name: **Mohd Hafeizul Rizwan Yahya**

PSM Title: Rebakan Bandar di Daerah Johor Bahru Melalui Aspek Guna Tanah Tepu Bina dan Populasi

Year: 2010

17. Name: **Abd Hafiz Sheikh Abd Hardy**

PSM Title: Pengaruh Pendekatan Perancangan dan Rekabentuk Perumahan Terhadap Ketidaktelapan Permukaan Bumi

Year: 2010

18. Name: **Aishah Zainuddin**

PSM Title: Taburan Spatial Fenomena Penagihan Dadah di Johor.

Year: 2010

19. Name: **Muhd Hafidz Osman**

PSM Title: Taburan Spatial Fenomena Wabak Denggi Di Negeri Johor.

Year: 2010

20. Name: **Umi Zuhirah Ramlan**

PSM Title: Kemiskinan: Perkaitannya Dengan Faktor Sosial dan Persekitaran

Year: 2010

21. Name: **Artina Omar**

PSM Title: Pola Taburan Penerima Bantuan Orang Tua dan Kemudahan

Year: 2010

22. Name: **Junainah Abu Kassim**

PSM Title: Pengaruh Jarak dan Demografi Terhadap Corak Pergerakan Migrasi Dalam Di Wilayah Lembah Klang

Year: 2010

23. Name: **Sim Chee Yong**

PSM Title: Application of Low Impact Development (LID) in Improving The Urban Stormwater Management Manual (MSMA). Case Study: Taman Botanic, Klang.

Year: 2009

24. Name: **Jamal Aimi Jamaluddin**

PSM Title: Interaksi Hypermarket dan Pasaran: Aplikasi Model Graviti dan Sistem Maklumat Geografi (GIS)

Year: Apr 2009

25. Name: **Siti Mariam Bakir**

PSM Title: Analisis Penilaian Keberkesanan Pembangunan Berimpak Rendah (PBR) Menggunakan Stormwater Management Model (SWMM). Kawasan Kajian: Taman Universiti, Skudai.

Year: 2009

26. Name: **Yuhanis binti Yaakup**

PSM Title: Kesan Pembangunan *Hypermarket* Terhadap Kedai Runcit

Year: 2008

27. Name: **Chong Chiew Chia**

PSM Title: Kesedaran, Pemahaman dan Penggunaan Manual Saliran Mesra Alam (MSMA) Di Kalangan Perancang

Year: 2008

28. Name: **Chooi Yan Wei**  
PSM Title: Penambahbaikan Sistem Saliran Kampus UTM Menggunakan Pendekatan *Low Impact Development (LID)*  
Year: 2008
29. Name: **Owee Boon Hwee**  
PSM Title: Sistem Pengurusan Sisa Pepejal Secara Mesra Alam Di Pulau Peranginan.  
Kajian Kes: Pulau Perhentian, Terengganu Darul Iman  
Year: 2007
30. Name: **Nur Hilwani binti Yahya**  
PSM Title: Kawasan Pinggir Sungai: Antara Kehendak Garispanduan JPS Dengan Kehendak Semulajadi  
Year: 2008
31. Name: **Siti Sarah binti Mohamed Yusof**  
PSM Title: Kajian Pengaruh Kawasan Lapang Ke Atas Harga Rumah  
Year: 2008
32. Name: **Chew Lee Ting**  
PSM Title: Penerapan Penilaian Risiko Banjir Dalam Kawalan Pembangunan: Satu Tinjauan Pemahaman Dan Keperluan Di Daerah Johor Bahru  
Year: 2006
33. Name: **Mohd Nasir Mohamad**  
PSM Title: Penggunaan Analisis Jaringan Di Dalam Mengenalpasti Lokasi Perletakan Terminal Bas: Kajian Kes Shah Alam.  
Year: 2006
34. Name: **Tee Yew Yaw**  
PSM Title: Penilaian Kesan Perletakan Loji Rawatan Kumbahan. Kajian Kes : Majlis Bandaraya Johor Baharu (MBJB) Dan Majlis Daerah Johor Bahru Tengah (MDJBT)  
Year: 2000
35. Name: **Lee Ham Kong**  
PSM Title: Penggunaan Kolam Tahanan Air Untuk Tujuan Pengwalan Banjir Kilat Di Taman Perumahan.  
Year: 1999
36. Name: **Ong Siew Wern**  
PSM Title: Penilaian Semula Keberkesanan Perancangan Balai Polis Menggunakan Modul Analisis Jaringan Sistem Maklumat Geografi (Gis) Kajian Kes: Balai Polis Skudai, Johor.  
Year: 1999
37. Name: **Liliyana Bte. Salleh/Pungot**  
PSM Title: Kajian Aktiviti Rekreasi Yang Bersesuaian Di Kawasan Tasik Empangan.  
Kajian Kes: Tasik Sembrong, Ayer Hitam.  
Year: 1999
38. Name: **Dhevendren Muniandy**  
PSM Title: Kawasan Rekreasi Sebagai Kolam Takungan Airbagi Mangawal Banjir Di Kawasan Perumahan  
Year: 1999
39. Name: **Norhayati Bt. Abu Bakar**

PSM Title: Penentuan Lokasi Tapak Pelupusan Sisa Pepejal Kaedah Penimbunan Terkawal Dengan Menggunakan Sistem Maklumat Geografi (Gis) Kajian Kes : Majlis Daerah Johor Bahru Tengah.  
Year: 1998

40. Name: **Mohd Hafsyam Kamarudin**

PSM Title: Kesan Pengunjung Ke Atas Haiwan Primate Dan Burung Di Rimba Bakau Taman Alam Kuala Selangor  
Year: 1997

41. Name: **Mahalingam A/L Chelliah**

PSM Title: Perancangan Gunatanah Dan Pengurusan Air Larian Permukaan Bandar. Kajian Kes: Bandar Georgetown, Pulau Pinang  
Year: 1995

42. Name: **Lee Su Li**

PSM Title: Kesesuaian Pembangunan Perumahan Di Atas Tanah Berbukit Kajian Kes : Paya Terubong, Pulau Pinang  
Year: 1995

43. Name: **Shamsul Anuar Hj. Othman**

PSM Title: Perancangan Perkhidmatan Pengutipan Sisa Pepejal Bagi Pihak Berkuasa Tempatan. Kajian Kes: Majlis Perbandaran Seremban.  
Year: 1994

44. Name: **Choong Chee Eng**

PSM Title: Perkhidmatan Pengangkutan Bas Awam Di Bandaraya Ipoh. Satu Kajian: Persepsi Pemilik Kereta  
Year: 1993

## PUBLICATIONS AND PRESENTATIONS

### JOURNAL PUBLICATIONS

#### SCOPUS AND ISI-INDEXED JOURNALS

1. **M. Rafee Majid**, Alia N. Nordin, Idris Nasiru Medugu. 2014. "Influence of housing development designs on household vehicle miles traveled: A case of Iskandar Malaysia." *Transportation Research Part D*. 33(2014) pp. 63-73. <http://dx.doi.org/10.1016/j.trd.2014.09.001>. [ISI IF=1.6]
2. Idris Nasiru Medugu, **M. Rafee Majid**, Foziah Johar, Ibijoke Sinami Taiwo. 2014. "Assessing the impact of Forestry II program on agricultural productivity in the Arid Zone of Nigeria: A case of Kano and Jigawa State." *Management of Environmental Quality*. Vol. 25, No. 6. pp. 783-801. [SCOPUS]
3. Rafiu O. Yusuf , Zainura Zainon Noor , Ahmad Halilu Abba , Mohd Ariffin Abu Hassan , **M. Rafee Majid**, Nasiru Idris Medugu, 2014. "Predicting methane emissions from livestock in Malaysia using the ARIMA model" *Management of Environmental Quality*. Vol. 25, No. 5. pp. 585-603. [SCOPUS]
4. **M R Majid**, A N Nordin, F Johar and H Y Tifwa. 2014. "Travel Emission Profile of Iskandar Malaysia Neighbourhoods from Pre-1980s to 2000s". *IOP Conf. Series: Earth and Environmental Science* **18** (2014) 012161. [SCOPUS]
5. **M R Majid**, S N Moeinzadeh and H Y Tifwa. 2014. "Income-carbon footprint relationships for urban and rural households of Iskandar Malaysia". *IOP Conf. Series: Earth and Environmental Science* **18** (2014) 012164. [SCOPUS]

6. **M. Rafee Majid**, Reyhaneh Behboudi, Idris Nasiru Medugu. 2014. "Horizontal Coherence in Environmental Policies in Iskandar Malaysia". *Environmental Science and Policy*. ISBN: 1462-9011. [ISI IF=3.948]. Under review.
7. S Sabri, A N M Ludin and **M R Majid**. 2014. "Ubiquitous geospatial concept in evolution of the macro and micro spatial planning". *IOP Conf. Series: Earth and Environmental Science* **18** (2014) 012176. [SCOPUS]
8. **M. Rafee Majid**, Alia N. Nordin, Foziah Johar, Idris Nasiru Medugu. 2014. "Neighbourhood Design and VMT: Is Malaysia Planning to Achieve the Spirit of New Urbanism?". *Transportation Research D*. ISBN: 1361-9209. [ISI IF=1.6]. Under review.
9. **M. Rafee Majid**, Abdul-wahab Shuaibu, Idris Nasiru Medugu. 2014. "The Role and Implications of Small-Scale Commercial Water Providers in Yola, Nigeria". *Utilities Policy*. ISBN: 0957-1787. [ISI IF=0.68]. Under review.
10. N Rusli and **M R Majid**. 2014. "Monitoring and mapping leaf area index of rubber and oil palm in small watershed area". *IOP Conf. Series: Earth and Environmental Science* **18** (2014) 012036. [SCOPUS]
11. N Rusli, **M R Majid** and A H M Din. 2014. "Google Earth-derived digital elevation model: A comparative assessment with Aster and SRTM data". *IOP Conf. Series: Earth and Environmental Science* **18** (2014) 012065. [SCOPUS]
12. Idris Nasiru Medugu, **M. Rafee Majid** and Walter Leal. 2014. "Assessing the vulnerability of farmers, fishermen and herdsmen to Climate Change: a case study from Nigeria". *International Journal of Global Warming*. Volume 6.:No. 1. pp 1-14. [ISI IF=0.765]
13. **M. Rafee Majid**, Jamal Aimi Jamaluddin and Wan Yusryzal Wan Ibrahim. 2013. "Estimation of Residential Impervious Surface Using GIS Technique". *Planning Malaysia: Journal of The Malaysian Institute of Planners*. Volume 11: Special Issue. pp. 25-42. [SCOPUS]
14. Foziah Johar, **M. Rafee Majid**, A. Razak Jaffar and Adi Safyan Yahya. 2013. "Seismic Microzonation for Banda Aceh City Planning". *Planning Malaysia: Journal of The Malaysian Institute of Planners*. Volume 11: Special Issue. Pp. 143-158. [SCOPUS]
15. Sulemana, M., Ibrahim Ngah and **M. Rafee Majid**. 2013. "The Challenges and Prospects of The School Feeding Programme In Northern Ghana". *Development in Practice*. Vol. 23, No. 3, pp. 422-432. [SCOPUS]
16. H.T. Ishaku, **M. Rafee Majid** and Foziah Johar. 2012. "Rainwater Harvesting: An Alternative Safe Water Supply in Nigerian Rural Communities". *Water Resource Management*. Vol. 26, No.2, pp. 295-305. [ISI IF=2.3]
17. H. T. Ishaku, **M. Rafee Majid** and Robiah Adnan. 2011."Solid Waste Management in Jimeta-Yola, Nigeria". *Waste Management*. Vol. 31, No. 12, pp. 2649-2650. [ISI IF=2.2]
18. Idris Nasiru Medugu, **M. Rafee Majid** and Foziah Johar. 2011. "Drought and Desertification Management in Arid and Semi-arid Zones of Northern Nigeria". *Management of Environmental Quality*. Vol. 22, No. 5. pp. 595-611. [SCOPUS]
19. Sabri, S. , Majid, M.R., Ludin, A.N.M. 2010. "Integrated modeling of multi-criteria evaluation and planning support systems in inner city redevelopment appraisal". *Proceedings of the 2nd International Postgraduate Conference on Infrastructure and Environment*. 2nd International Postgraduate Conference on Infrastructure



and Environment, IPCIE 2010; Hong Kong; China; 1 June 2010 through 2 June 2010. Volume 2, 2010, Pp. 16-24. [SCOPUS].

20. Idris Nasiru Medugu, **M. Rafee Majid**, Foziah Johar and I.D. Choji. 2010. "The Role of Afforestation Programme in Combating Desertification in Nigeria". *International Journal of Climate Change Strategies and Management*. Vol. 2 No. 1. Pp 45-47. [ISI IF=0.426]. **Voted one of Highly Commended Papers of The Journal by Emerald Group Publishing Limited.**
21. Idris Nasiru Medugu, **M. Rafee Majid** and I.D. Choji. 2008." A comprehensive approach to drought and desertification in Nigeria: A brief evaluation of government policies". *International Journal of Management of Environmental Quality*. Vol. 19 No. 6, 2008. pp. 690-704. [SCOPUS]

#### NON-SCOPUS/NON-ISI JOURNALS

22. Umaru, E. T., A. Nazri Muhamad Ludin, **M. Rafee Majid**, Soheil Sabri, Chingle Moses P, Wallace Enegbuma, A. N. T. A. 2013. "Risk Factors Responsible for the Spread of Meningococcal Meningitis: A Review". *International Journal of Education and Research*. Vol. 1, No.2.
23. Idris Nasiru Medugu, S. A. Bustani, K. Bala, Y. K. Smith and **M. Rafee Majid**. 2012. "Stakeholders' Perception on the Buildability Practice in the Nigerian Building Construction Industry". *The IUP Journal of Infrastructure*, Vol. X, No. 1, March 2012, pp. 39-50.
24. **M. Rafee Majid**, Foziah Johar and Noradila Rusli. 2011. "MSMA: Its Relevance to Urban Planners". *Malaysian TownPlan Journal*. Vol. 8, Issue 1, November 2011.
25. H.T.Ishaku, **M. Rafee Majid**, A.P. Ajayi and A. Haruna. 2011."Water Supply Dilemma in Nigerian Rural Communities: Looking towards the Sky for an Answer". *Journal of Water Resource and Protection*. Vol. 3, No. 8, pp. 598-606. ISSN Print: 1945-3094. ISSN Online: 1945-3108. Published online August 2011. (<http://www.SciRP.org/journal/jwarp>).
26. Ahmad Nazri Muhammad Ludin, Wan Juliyana Wan Abdul Razak, **M. Rafee Majid**, Noradila Rusli, Abdul Hafiz Syeikh Abd Hardy, Normah Kasimon and Marlia Mohd Noh (2011). "Mapping of Seagrass Along Sungai Pulai, Johor, Malaysia". A monograph published by Center for Innovative Development and Planning (CiPD), Universiti Teknologi Malaysia. ISBN: 978-967-99997-3-0.
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  53. "Simulating Impacts of Residential Impervious Surface on Stream Flows: Application of SWAT on A Small Watershed in North Carolina, USA". Joint paper presented at The SWAT International Conference 2008. Beijing Normal University, Beijing, China. Oct 17-19, 2008.
  54. "Impact of Hypermarkets on Neighborhood Sundry Shops: A Spatial Investigation". Joint paper presented at ASIA GIS 2008. Busan, Korea. Sept 26-27, 2008.
  55. "Hydrological Impacts of Urbanization: Simulating the Impact of Density and Layout Design of Residential Subdivisions in an Urbanizing Watershed". An oral presentation at IPASA monthly colloquium. Universiti Teknologi Malaysia. June 27, 2008.
  56. "Is MSMA Only Meant for Engineers? A Survey of Awareness Among Urban Planners". Joint paper presented at the International Seminar of Civil and Infrastructure Engineering 2008. Universiti Teknologi MARA. June 11-12, 2008.
  57. "Sustainable Solid Waste Management For Island Resorts: Potential For Perhentian Island, Terengganu". Joint paper presented at International Conference on Built Environment in Developing Countries (ICBEDC 2007). Universiti Sains Malaysia. Dec 3-4, 2007.
  58. "The Use of Web GIS Among Local Authorities: A Survey of the Contents and Level of Services". Joint paper presented at MAP ASIA 2007 Conference. Kuala Lumpur, Malaysia. Aug 14 – 16, 2007.
  59. "SWAT in Land Use Planning: Simulating Impacts of Density and Physical Layout of Residential Subdivisions on the Hydrology of an Urbanizing Watershed". Accepted for Oral Presentation at SWAT Conference 2007, Delft, Netherlands. July 3 -4, 2007.
  60. "Subpixel Estimation of Impervious Surface Using Regression Tree Model: Accuracy of the Estimation at Different Spatial Scales". Paper presented at MAP ASIA 2006 Conference. Bangkok, Thailand. Aug 29 – Sept 1, 2006.
  61. "Simulating Impacts of Residential Patterns on Hydrology of an Urbanizing Watershed by Using SWAT and ArcView® GIS". Paper presented at MAP Malaysia 2006 Conference. Palace of The Golden Horses Hotel, Kuala Lumpur, Malaysia. May 2 – May 3, 2006.
  62. "Estimating Residential Imperviousness At Subdivision Level Using Remote Sensing Images And GIS". Paper presented at ASIA GIS International Conference 2006. Universiti Teknologi Malaysia, Skudai, Malaysia. Mar 9 – Mar 10, 2006.
  63. "Integrating Environmental Policies into Planning for Sustainable Human Settlements: The Malaysian Case". A joint paper presented at 14<sup>th</sup> EAROPH World Planning Congress. Beijing, China. 15 – 21 Sept 1994.
  64. "GIS Education for Urban and Regional Planners: A Case Study of UTM". A joint paper presented at 3<sup>rd</sup> Inter. Conference on Geography of the ASEAN Region. Universiti Malaya, Kuala Lumpur, Malaysia. 25 – 29 Oct 1994.
  65. "Arah Pendidikan dan Latihan Penggunaan Sistem Maklumat Geografi (GIS) bagi

Perancangan dan Pengurusan Bandar dan Wilayah di Malaysia: satu Tinjauan". A joint paper presented at Seminar Kebangsaan Geografi, Malaysia. USM, Pulau Pinang, Malaysia. 17 – 19 Ogos 1994.

**INVITED TALKS/WORKSHOPS/FORUM/PRESENTATIONS**

1. The JPBW Monthly Seminar, Department of Urban & Regional Planning, Universiti Teknologi Malaysia. May 13, 2013.  
 Role: **Invited Speaker**  
 Title: "Kampong Boys vs Urban Lads: How Where We Grow Up in Affects Our Awareness of Nature"
2. A Course on Urban Development Simulation Using GIS.  
 A Workshop organized by Unit for GIS in Spatial Planning (UGISP), Center for Innovative Planning and Development (CIPD), Universiti Teknologi Malaysia for Land Use Information Division, Department of Urban and Country Planning, Semenanjung Malaysia. 10-11 October 2012  
 Role: **Invited Speaker**
3. The JPBW Monthly Seminar, Department of Urban & Regional Planning, Universiti Teknologi Malaysia. November 25, 2011.  
 Role: **Invited Speaker**  
 Title: "Likert Scales: How to (Ab)use Them"
4. The Colloquium on R & D in Flood Plain Management organized by NAHRIM. Marriott Hotel, Putrajaya. 8<sup>th</sup> December 2010.  
 Role: **Invited Speaker**  
 Title: "Beyond Floodplain: L.I.D Techniques for Upland Management of Floodplain"
5. The JPBW Monthly Seminar, Department of Urban & Regional Planning, Universiti Teknologi Malaysia. October 8, 2010.  
 Role: **Invited Speaker**  
 Title: "Is Johor Bahru Sprawling?: Initial Evidence & Potential Solutions"
6. The Enhancing Attractiveness of Environmental Assessment and Management (2EA-M) Higher Education final seminar at Graz University, Austria. Sept 23-25, 2010. A seminar funded by the Erasmus Mundus program through the University of Liverpool.  
 Role: **Invited Speaker**  
 Title: "Environmental Assessment and Management (EAM) Masters Program in Malaysia"
7. Bengkel Penyediaan Malaysian Sustainable Development Indicators (MSDI)  
 A workshop organized by Department of Town and Country Planning. Shah Alam, August 25-26, 2010.  
 Role: **Facilitator**
8. Low Impact Development  
 A workshop organized by Department of Town and Country Planning. Alor Star, June 23, 2010.  
 Role: **Invited Speaker**
9. Workshop on River Buffer Zone in Malaysia: Policy, By Laws and Incentives.  
 A Workshop organized by National Hydraulic Research Institute of Malaysia (NAHRIM). Serdang, Selangor, May 18, 2010.  
 Role: **Speaker/Facilitator**

10. Global Warming and The Tourism Industry.  
An invited talk organized by Johor Tourist Guides Association (JTGA). May 11, 2010.  
Role: **Invited Speaker**
11. Erasmus Mundus-funded Seminar on Enhancing Attractiveness of Environmental Assessment and Management (2EA-M) Higher Education project seminar. Universiti Teknologi Malaysia, Johor. March 23-24, 2010.  
Role: **Invited Speaker**  
Title: "Environmental Assessment-Related Higher Education in Malaysia: Overview"
12. The JPBW Monthly Seminar, Department of Urban & Regional Planning, Universiti Teknologi Malaysia. October 9, 2009.  
Role: **Invited Speaker**  
Title: "Paving of Paradise: Impervious Surface in Housing Areas and Its Impact on The Environment"
13. Global Warming and The Tourism Industry.  
An invited talk organized by Johor Tourist Guides Association (JTGA). October 9, 2009.  
Role: **Invited Speaker**
14. The Master List of Protected Areas in Malaysia – Tool for Conservation Management and Planning.  
A national workshop organized by Ministry of Natural Resources & Environment and WWF for Nature. Kuala Lumpur, 7-8 April & 27-28 Ogos 2008.  
Role: **Facilitator/Contributor**
15. Incorporating Geohazard Planning in Development Plan Manuals (Part II).  
A workshop organized by Department of Town and Country Planning. Port Dickson, 22-23 August 2008.  
Role: **Facilitator.**
16. Training-of-Trainers Workshop on Sustainable Development.  
A workshop organized by INFRA, Ministry of Rural and Regional Development. Goodhope Hotel, Skudai, 21 March 2008.  
Role: **Facilitator on Sustainable Development**
17. Incorporating Geohazard Planning in Development Plan Manuals.  
A workshop organized by Department of Town and Country Planning. Johor Bahru, 28-30 January 2008.  
Role: **Facilitator.**
18. Stakeholders Workshop for Corporate Plan of Majlis Daerah Kuala Langat organized by Majlis Daerah Kuala Langat. Held at Aim Point Hall, Bandar Sungai Emas, Banting, Selangor. 30 June 2007.  
Role: **Facilitator.**
19. Stakeholders Workshop for Corporate Plan 2006 – 2010 of Majlis Perbandaran Sepang organized by Majlis Perbandaran Sepang at Empress Hotel, Sepang, Selangor. 7 August 2006.  
Role: **Facilitator.**
20. Stakeholders Workshop for Pelan Strategik Wilayah Lembah Kelang II organized by Pejabat Setiausaha Negeri Selangor at Cyberview Lodge Resort & Spa, Cyberjaya, Selangor. 23 January 2006.  
Role: **Facilitator.**

21. A workshop on Integrated Environmental Planning and Management organized by INTAN Bukit Kiara for MTCP International Course at INTAN headquarter in Bukit Kiara, Kuala Lumpur on Sept 30 – Oct 2 1996.  
Role: **EIA module instructor.**
22. Short Course on urban planning organized by Department of Urban & Regional Planning UTM for planning officials. June 1990 and June 1995.  
Role: **Coordinator and instructor.**

#### **MEDIA COVERAGE**

1. Topic: Water Resources in Urban Planning  
Media: **Buletin Utama TV3**  
Date: 9 Sept 2014  
Role: Expert Input
2. Topic: Flooding & Urban Planning  
Media: **Astro Awani Agenda**  
Date: 31 March & 19 Dec 2011  
Role: Panelist (Phone-in Interview)
3. Topic: Forum on Causes of Flooding in Northern Malaysia  
Media: **Astro Awani Meja Bulat**  
Date: 19 Nov 2010  
Role: Expert Panelist
4. Article Title: Expert: Reduce Urban Sprawl  
Media: **The Star (Newspaper)**  
Date: 1 June 2010  
Role: Expert Input