

ISHAK CHE ABDULLAH

Senior Lecturer, (FSPU)

Centre of Studies for Town and Regional Planning
Faculty of Architecture, Planning and Surveying
Universiti Teknologi MARA,
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Selangor, Malaysia.

Research Interest Group
SIG Ekistics – Human Settlement
Research Nexus UiTM (RENEU) : Energy and Environment (EE)

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Areas of Expertise

GIS, Remote Sensing, Urban Planning

https://www.researchgate.net/profile/Ishak_Che_Abdullah/research
<https://expert.uitm.edu.my/profile.php?id=OFVToqXi18fQkD7fIk3yELKj/06BkDPypTvgsVzfIgM=>

Personal Information

Ishak bin Che Abdullah,
Centre of Studies for Town and Regional Planning
Research Interest Group (SIG Ekistics – Human Settlement)

Academic Qualifications

Master in Geographical Information Science [2009, Universiti Teknologi MARA]
Degree of Engineering in Geomatics [2003, Universiti Teknologi Malaysia]

Professional Members

1. Royal Institution of Surveyors Malaysia (RISM), Member, 2003-2020

Teaching and Learning

1. Master, October 2020, Spatial Design and Planning Principles of Islamic Cities, Lecture
2. Degree, October 2020, GIS for Planners, Lecture

3. Degree, October 2020, Advanced GIS for Planners, Lecture
4. Degree, October 2020, Local Planning, Lecture and Tutorial
5. Degree, March 2020, GIS for Planners, Lecture
6. Degree, March 2020, Advanced GIS for Planners, Lecture
7. Degree, March 2020, Local Planning, Lecture and Tutorial
8. Degree, September 2019, GIS for Planners, Lecture
9. Degree, September 2019, Advanced GIS for Planners, Lecture
10. Degree, September 2019, Local Planning, Lecture and Tutorial
11. Degree, March 2019, GIS for Planners, Lecture
12. Degree, March 2019, Advanced GIS for Planners, Lecture
13. Degree, March 2019, Local Planning, Lecture and Tutorial
14. Degree, September 2018, GIS for Planners, Lecture
15. Degree, September 2018, Advanced GIS for Planners, Lecture
16. Degree, September 2018, Structure Planning, Lecture and Tutorial
17. Degree, March 2018, GIS for Planners, Lecture
18. Degree, March 2018, Advanced GIS for Planners, Lecture
19. Degree, March 2018, Structure Planning, Lecture and Tutorial
20. Degree, September 2017, GIS for Planners, Lecture
21. Degree, September 2017, Advanced GIS for Planners, Lecture
22. Degree, September 2017, Local Planning, Lecture and Tutorial
23. Degree, March 2017, Advanced GIS for Planners, Lecture
24. Degree, March 2017, Local Planning, Lecture and Tutorial

Student Supervision

1. Nor Zafuan Bin Omar, 2018401886, Site Suitability for Residential in Ampang, Selangor using GIS based Analytical Hierarchy Process, November 2020, Degree, Main Supervisor
2. Mohd Amin Bin Mohd Abdul Nassir, 2017583401, The Benefits of Implementing Geographical Information System (GIS) in Analysing Flood Risk Mitigation Plan for Local Authority, November 2020, Degree, Main Supervisor
3. Tun Mohd Syimir Bin Tun Mohd Adib, 2018663362, Land Use Factors That Influence River Sustainability Using Geographical Information System (GIS), November 2020, Degree, Main Supervisor
4. Azli Izham Bin Azhar, 2017567667, Spatial Equity Distribution of School in Sepang, Selangor, March 2020, Degree, Main Supervisor
5. Farrahdillah Binti Suraiansah, 2015149983, Land Suitability Analysis Using MCDM Methods Using GIS for The Assessment of Multi-Purpose Hall in Klang, March 2020, Degree, Main Supervisor
6. Muhammad Hamizan Bin Mohd Faudzi, 2017524285, Implementation of Geographic Information System (GIS) Application Techniques in Analyzing Flood Risk Mitigation Plan, March 2020, Degree, Main Supervisor
7. Muhammad Shafiq Bin Basiran, 2017329767, The Accessibility and Spatial Planning of Social Facilities for a Well Being Neighbourhood, September 2019, Masters, Main Supervisor
8. Nurhairun Nishaq Binti Nazlee, 2017452104, Application of GIS in Industrial Site Selection, September 2019, Degree, Main Supervisor
9. Siti Nur Izaty Binti Zainalarifin, 2017452076, Study on Land Suitability Analysis for Urban and Agricultural Land Using GIS in Sabak Bernam, Selangor, September 2019, Degree, Main Supervisor

10. Mohamad Nor Effendi Bin Mohd Razali, 2015111091, Application GIS of Land Suitability for Public Facilities in Kuantan District, September 2019, Degree, Main Supervisor
11. Siti Zulaika Binti Azali, 2015655818, Site Suitability for Ecotourism Areas Areas Using GIS and AHP Analysis, March 2019, Degree, Main Supervisor
12. Muhamad Zaim Rusyaidi Bin Shamsulkamar, 2015683704, Determination of Suitable Landfill Site at Muar Using GIS, March 2019, Degree, Main Supervisor
13. Muhammad Naqiuddin Bin Mohd Maidin, 2015442572, Land Suitability Agriculture Using GIS at Klang, March 2019, Degree, Main Supervisor
14. Massyafira Binti Md Ali, 2015409078, Application GIS in Heritage Building Management, March 2019, Degree, Main Supervisor

Publications

1. Nurul Shakila Khalid, Na'asah Nasrudin, Yusfida Ayu Abdullah, & Ishak Che Abdullah, 2020, Democratic Street: An Application of Space Syntax in Testing the Spatial Justice Among Women Pedestrian. Environment-Behaviour Proceedings Journal, 5(13), pp. 405-414, Co-Author
2. Nurul Shakila Khalid, Raja Norashekin Raja Othman, Ishak Che Abdullah, Marlyana Marzukhi & Na'asah Nasrudin, 2019, The Regaining of Traditional Street: Combining Street Network Configuration with Temporary Urban Interventions, IOP Conference Series: Earth and Environmental Science, 385 (1), pp. 012019, Co-Author
3. Norhanini Mamat, Abdul Rauf Abdul Rasam, Nor Aizam Adnan & Ishak Che Abdullah, 2014, GIS-Based Multi-Criteria Decision Making System for Determining Potential Site of Oyster Aquaculture in Terengganu, 2014, IEEE 10th International Colloquium on Signal Processing & its Applications (CSPA2014), pp. 71 – 76, Co-Author
4. Ishak Che Abdullah, Fatimah Yusof, Siti Mazwin Kamaruddin & Abdul Rauf Abdul Rasam, 2013, Travel Behaviour and Landuse Planning: The planning of mosque in Shah Alam, Selangor, AicE-Bs 2013 London Asia Pacific International Conference on Environment-Behaviour Studies University of Westminster, London, UK, 6-8 September 2013 "From Research to Practice", pp. 723 – 733, Main Author
5. Muhammad Hilmy Muslim, Hafazah Abdul Karim, Ishak Che Abdullah & Puziah Ahmad, 2013, Students' Perception of Residential Satisfaction in the Level of Off-Campus Environment AicE-Bs 2013 London Asia Pacific International Conference on Environment-Behaviour Studies University of Westminster, London, UK, 6-8 September 2013 "From Research to Practice", pp. 684 – 696, Co-Author
6. Ishak Che Abdullah, Muhammad Hilmy Muslim & Hafazah Abdul Karim, 2013, An Assessment on Variable Reliability in Investigating Students' Living Satisfaction in Private Housing Environment, AicQoL 2013 Langkawi AMER International Conference on Quality of Life Holiday Villa Beach Resort & Spa, Langkawi, Malaysia, 6-8 April 2013 "Quality of Life in the Built and Natural Environment", pp. 354 – 367, Main Author
7. Fatimah Yusof, Ishak Che Abdullah, Faizul Abdullah & Hazlina Hamdan, 2013, Local Inclusiveness in Culture Based Economy in the Development of ECER, Malaysia: Case study from Kelantan, AicQoL 2013 Langkawi AMER International Conference on Quality of Life Holiday Villa Beach Resort & Spa, Langkawi, Malaysia, 6-8 April 2013 "Quality of Life in the Built and Natural Environment", pp. 445 – 453, Co-Author
8. Muhammad Hilmy Muslim, Hafazah Abdul Karim & Ishak Che Abdullah, 2012, Challenges of Off-Campus Living Environment for Non-Resident Students' Well-Being in UiTM Shah Alam, AcE-Bs 2012 Bangkok, Sukosol Hotel, Bangkok, Thailand, 16-18 July, 2012, pp. 875–883, Co-Author

9. Hazlina Hamdan, Fatimah Yusof, Dasimah Omar, Faizul Abdullah, Naasah Nasrudin & Ishak Che Abdullah, 2011, University Industrial Linkages: Relationship Towards Economic Growth and Development in Malaysia, World Academy of Science, Engineering and Technology WASET 2011 Bali, Indonesia, pp. 785 - 792, Co-Author
10. Dasimah Bt Omar, Faizul Abdullah, Fatimah Yusof, Madya Hazlina Hamdan, Naasah Nasrudin & Ishak Che Abdullah, 2011, The Impacts of Off-Campus Students on Local Neighbourhood in Malaysia, World Academy of Science, Engineering and Technology WASET 2011 Bali, Indonesia, pp. 104-110, Co-Author
11. Naasah Nasrudin, Ishak Che Abdullah, Zulkifli Sapeciay, Fatimah Yusof & Faizul Abdullah, 2011, Evaluating The Suitability of Urban Farming Programme Case Study: Ipoh City, 2011 IEEE Colloquium on Humanities, Science and Engineering, CHUSER 2011, pp. 217-222, Co-Author

Research Grants and Contracts

1. Nurul Shakila Binti Khalid, Ishak Bin Che Abdullah, Raja Norashekin Bt Raja Othman & Marlyana Azyyati Binti Marzukhi, 2018, Effective Shopping Streets - From The Perspective of Tactical Place – Making, RMI (Lestari), RM20,000.00, Research Member, Completed
2. Jamalunlaili Abdullah, Oliver Ling Hoon Leh, Ishak Che Abdullah & Mohd Zamreen Mohd Amin, 2017, Land Use – Transportation Integration, Travel Behavior and Economic Competitiveness Towards Higher Public Transport Ridership in Greater Kuala Lumpur, IRMI (MITRA), RM33,000.00, Research Member, Completed
3. Habsah Binti Hashim, Yusfida Ayu Binti Abdullah @ Mohd Zain, Muna Binti Sarimin, Na'asah Binti Nasrudin, Raja Norashekin Bt Raja Othman & Ishak Bin Che Abdullah, 2016, Comprehensive Family Supportive Neighborhood Framework, Kementerian Pengajian Tinggi (FRGS), RM63,400.00, Research Member, Completed
4. Ishak Bin Che Abdullah, Fatimah Bt Yusof & Siti Mazwin Binti Kamaruddin, 2012, The Influence of Landuse Components on the Functions of Mosque, Kementerian Pengajian Tinggi (RAGS), RM35,000.00, Research Leader, Completed
5. Ishak Che Abdullah, Hafazah Abdul Karim & Mohd Zamreen Mohd Amin, 2012, Assessing Student Housing Satisfaction For Off-Campus Residential Environment, RMI (RIF), RM32,000.00, Research Leader, Completed
6. Fatimah Yusof, Faizul Abdullah, Dasimah Omar, Hazlina Hamdan & Ishak Che Abdullah, 2010, The Inclusiveness of Culture Economy in Promoting the Growth of East Coast Economic Region. Case Study: Kelantan, Kementerian Pengajian Tinggi (FRGS), RM40,000.00, Research Member, Completed
7. Naasah Nasrudin & Ishak Che Abdullah, 2009, Evaluating The Suitability of Urban Farming Programme. Case Study: Ipoh City, RMI, RM8,000.00, Research Member, Completed

Consultation & Expertise

1. Majlis Bandaraya Petaling Jaya, Perkhidmatan Membekalkan Data Geospatial Indeks Aksesibiliti Pejalan Kaki Di Sebahagian Petaling Jaya Untuk Kawasan Seksyen 6 Hingga Seksyen 14, Seksyen 51, Seksyen 51A Dan Seksyen 52 Untuk Tetuan Majlis Bandaraya Petaling Jaya, National, 2020, Project Leader

2. Majlis Bandaraya Petaling Jaya, Kajian Tahap Kepuasan Pengguna Perkhidmatan Bas Percuma 'PJ City Bus' Untuk Laluan PJ05 & PJ06, Kawasan Majlis Bandaraya Petaling Jaya, National, 2018, Project Member
3. C.M. Management (Sarawak) Sdn Bhd, Program Teknikal Jabatan Tanah dan Survei Sarawak Google Sketch-Up 3D Modelling Course, National, 2013, Project Leader
4. Pejabat Pembangunan, Universiti Teknologi MARA, Cadangan Tahap Kondusif Persekitaran Pembelajaran Kediaman Pelajar Di Luar Kolej: Kajian Kes: UiTM Pulau Pinang, University, 2012, Project Member
5. Pejabat Pembangunan, Universiti Teknologi MARA, The Embeddedness Between Higher Education Institution and Industries in Promoting City Region Competitiveness, University, 2011, Project Member

Innovation, Commercialization & Entrepreneurial

1. National e-Content Development Competition (e-ConDev) 2017, Learning Innovation, Advanced GIS for Planners, National, 2017, Project Leader
2. National e-Content Development Competition (e-ConDev) 2017, Learning Innovation, GIS for Planners, National, 2017, Project Member

Services & Administration

1. Ahli Jawatankuasa Kecil Kelestarian UiTM, 1 Disember 2018 – 1 November 2020, University
2. Ahli Jawatankuasa Mid Term Review Akreditasi Program AP221, 1 Oktober 2020 - 31 Oktober 2021, Centre of Studies
3. Liaison Korporat Pusat Pengajian, Perancangan Bandar dan Wilayah, 1 Mei 2019 – 28 April 2021, Faculty
4. Penasihat Persatuan Pelajar TRiPS, 1 Januari 2019 – 31 Disember 2020, Centre of Studies
5. Ahli Jawatankuasa Pelaksana Program Majlis Anugerah Kecemerlangan Fakulti (MAKEF) 2019, 18 Februari 2020, Faculty
6. Ahli Jawatankuasa Homecoming PBW 2017 – 2019, November 2017 - 31 Disember 2019, Centre of Studies
7. Ahli Jawatankuasa Massive Open Online Course (MOOC) Pusat Pengajian, 1 Januari 2017 - 31 Disember 2018, Centre of Studies
8. Ahli Jawatankuasa Akreditasi, 1 Januari 2017 - 31 Disember 2018, Centre of Studies
9. Panel Temuduga dan Ujian Lukisan Bagi Pelajar Baru Program Diploma/Sarjana Muda Sains Sesi 1 2017/2018 Fakulti Senibina, Perancangan Dan Ukur, 10 Jun 2017, Centre of Studies
10. Panel Temuduga dan Ujian Lukisan Bagi Pelajar Baru Program Diploma/Sarjana Muda Sains Sesi 1 2017/2018 Fakulti Senibina, Perancangan Dan Ukur, 22 April 2017, Centre of Studies
11. Ahli Jawatankuasa Planning Project Review Day, 1 Januari 2017 - 31 Disember 2018, Centre of Studies
12. Pengawas Latihan Amali Pelajar Program Sarjana Muda Perancangan Bandar dan Wilayah - AP221, 1 hingga 15 Disember 2013, Centre of Studies
13. Panel Temuduga dan Ujian Lukisan Bagi Pelajar Baru Program Diploma/Sarjana Muda Sains Sesi 2 2013/2014 Fakulti Senibina Perancangan Dan Ukur, 21 September 2013, Centre of Studies
14. Koordinator Komputer Lab dan Web Page Pusat Pengajian Perancangan Bandar dan Wilayah, 4 April 2012, Centre of Studies

15. Setiausaha Pusat Pengajian Perancangan Bandar dan Wilayah, 4 April 2012, Centre of Studies
16. Ahli Jawatankuasa Planning Info Pusat Pengajian Perancangan Bandar dan Wilayah, 4 April 2012, Centre of Studies
17. Setiausaha dan Ahli Jawatankuasa Logistik Jawatankuasa Kerja Akreditasi Program AP221, 23 Oktober 2012, Centre of Studies
18. Ahli Jawatankuasa Misi Akademik Fakulti, 29 November 2012, Faculty
19. Setiausaha Jawatankuasa Kerja Penilaian Pertengahan Penggal Akreditasi Program Sarjana Muda Perancangan Bandar dan Wilayah (Kepujian) oleh Lembaga Perancang Bandar Malaysia, 3 Mei 2011, Centre of Studies
20. Setiausaha Jawatankuasa Semakan Kurikulum Program Sarjana Muda Perancangan Bandar dan Wilayah (Kepujian), 3 Mei 2011, Centre of Studies
21. Pengawas Latihan Amali Lawatan Pengawasan Latihan Amali Pelajar Program Sarjana Muda Perancangan Bandar dan Wilayah (Kepujian) Sesi Julai 2010 - November 2010, 20 hingga 31 Disember 2010, Centre of Studies
22. Pengawas Latihan Amali Pelajar Program Sarjana Muda Perancangan Bandar dan Wilayah (Kepujian) Sesi Disember 2009 - April 2010, 14 hingga 25 Jun 2010, Centre of Studies
23. Panel Temuduga dan Ujian Lukisan Bagi Pelajar Baru Program Diploma/Sarjana Muda Sains Sesi 2 2012/2013 Fakulti Senibina, Perancangan Dan Ukur, 15 September 2012, Faculty
24. Panel Temuduga dan Ujian Lukisan Bagi Pelajar Baru Program Diploma/Sarjana Muda Sains Sesi 1 2012/2013, 15 April 2012 Fakulti Senibina, Perancangan Dan Ukur, 15 April 2012, Faculty
25. Panel Temuduga dan Ujian Lukisan Program Diploma Sesi Disember 2010 Fakulti Senibina, Perancangan Dan Ukur, 16 dan 17 Oktober 2010, Faculty
26. Panel Temuduga dan Ujian Lukisan Program Diploma Sesi Julai 2009 Fakulti Senibina, Perancangan Dan Ukur, 11 dan 12 April 2009, Faculty
27. Ahli Jawatankuasa Jawatankuasa Kerja Penubuhan Program MSc. In Community Planning, 29 November 2010, Centre of Studies
28. Ahli Jawatankuasa Jawatankuasa Syarahan Professorial Y.Bhg. Dato' Prof. Dr. Abdullah Mohamad Said, 12 Mac 2010, Faculty
29. Ahli Jawatankuasa Pusat Penerbitan Universiti (UPENA) dan Prisma, 1 Januari 2010 - 31 Disember 2011, Faculty
30. Ahli Jawatankuasa WEB, 1 Julai 2009 - 30 Jun 2011, Faculty

Work and Collaboration Experience

1. Expert, 3 February 2020, Majlis Bandaraya Shah Alam, Providing advice on GIS implementation.
2. Expert, 26 June 2019, Majlis Bandaraya Petaling Jaya, Providing advice on utilizing GIS analysis in solving walkability issues.
3. Accompanying Lecturer, 21 - 26 October 2019, Institut Teknologi Bandung, Sharing session on the urban planning practices.
4. Accompanying Lecturer, 24 April 2013, University Peking, China, Sharing ideas of city planning in Malaysia
5. Member, 8 Mei 2012, Majlis Bandaraya Shah Alam, Sharing expertise in developing Islamic City

Awards & Recognitions

1. National e-Content Development Competition (e-ConDev) 2017, Universiti Teknologi MARA, iNED & Open Learning, Advanced GIS for Planners, National, 2017, Project Leader, Bronze Medal
2. National e-Content Development Competition (e-ConDev) 2017, Universiti Teknologi MARA, iNED & Open Learning, GIS for Planners, National, 2017, Project Member, Bronze Medal
3. Seoul International Invention Fair (SIIF) 2010, Korea Invention Promotion Association, Design Innovation, Redesigning a Future Town: The Concept of Night City, International, 2010, Project Member, Bronze Medal
4. Invention, Innovation, and Design Competition (IID) 2010, Universiti Teknologi MARA, Design Innovation, Redesigning a Future Town: The Concept of Night City, International, 2010, Project Member, Gold Medal

Contribution to Society

1. Badan Pengurusan Bersama 3 Residen, Community, 2016-2017, Chairman
2. Badan Pengurusan Bersama 3 Residen, Community, 2018, Committee Member

Other Activities

1. Program Tanggungjawab Sosial Korporat (CSR) Kampung Seberang Ramai, Persatuan Penduduk Kampung Seberang Ramai, National, 2019, Advisor