



Fakulti
Senibina,
Perancangan
dan Ukur

Academic Curriculum Vitae

Gs.MASBIHA MAT ISA

Senior Lecturer

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

Landscape Planning
EK ReNeU Health & Wellness

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Areas of Expertise

GIS, Environment, Regional Landscape Planning

<https://expert.uitm.edu.my/profile>
<https://prisma.uitm.edu.my/prisma/>

<https://publons.com/researcher>
<https://www.scopus.com/> <https://ieeexplore.ieee.org/document/6194762>
https://www.researchgate.net/https://www.researchgate.net/profile/Masbiha_Mat_Isa
https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=masbiha&btnG=

Personal Information

Masbiha Mat Isa,
257125
Centre of Landscape Architecture
Landscape and Urban Horticulture

Academic Qualifications

MSc. in Geographical Information Science, 2009, Universiti Teknologi MARA Shah Alam
Bachelor (Hons) in Landscape Architecture, 2005, Universiti Teknologi MARA Shah Alam
Diploma in Landscape Architecture, 2003, Universiti Teknologi MARA Shah Alam

Professional Members

1. Institution of Geospatial and Remote Sensing Malaysia (IGRSM), Professional Member, 2021
2. Institute of Landscape Architecture (ILAM), Graduate Member, 2016-2020
3. Malaysia Board of Technologists (MBOT), Graduate Member, 2020

Teaching and Learning

Bachelor in Landscape Architecture (Hons.)

1. Degree, 2009-2011, LAR422 (Land Surveying and Earthworks) | **Lecture, Tutorial**
2. Degree, 2009-2011, LAR524 (Digital media and Construction Technology) | **Lecture, Tutorial**
3. Degree, 2009- 2015, LAR615 (Regional Landscape Planning) | **Lecture, Studio Tutorial**
4. Degree, 2009- 2014, LAR618 (Introduction to GIS) | **Lecture, Lab tutorial**
5. Degree, 2009- 2015, LAR620 (Topical study) | **Supervisor**
6. Degree, 2012- 2015, LAS422 (Land Surveying and Earthworks) | **Lecture, Tutorial**
7. Degree, 2011- 2013, LAR626 (Environment & Sustainable Landscape Construction) | **Lecture, Tutorial**
8. Degree, 2012- 2015, LAS422 (Land Surveying and Earthworks) | **Lecture, Tutorial**
9. Degree, 2014-2015, LAS618 (Introduction to GIS in Landscape) | **Lecture, Lab tutorial**
10. Degree, 2018-2020, LAS618 (Introduction to GIS) | **Lecture, Lab tutorial**
11. Degree, 2018-2020, LAS615 (Regional Landscape Planning) | **Lecture, Studio Tutorial**
12. Degree, 2018-2020, LAS434 (Planting Design I) | **Lecture, Tutorial**
13. Degree, 2018-2019, LAS436 (Planting Design II) | **Lecture, Tutorial**

Student Supervision

Bachelor in Landscape Architecture (Hons.)

1. Nur Amirah Nadiah Binti Nadzarudin, March 2021, *Living Breakwaters Coastal Resilience: Enhancing Pantai Remis Jeram and Cultural Villages as Ecotourism through Coastal Management Solution* | **Main Supervisor**
2. Nur Syafikah Binti Ghadzali, March 2021, *Rewilding and Promoting Socio-Cultural of Sungai Udang Jetty with Harbor Jetty Design for Community Improvement* | **Main Supervisor**
3. Muhammad Amer Zharif Bin Rosli, October 2020, *Conserve and Preserve Wildlife Habitat at Persiaran Mokhtar Dahari Through Ecological Restoration Approach* | **Main Supervisor**
4. Nur Shuhada Binti Sa'at, October 2020, *Revitalizing Dusun Panti Kota Tinggi as Ecological Park for Public Education Through Natural Approaches* | **Main Supervisor**
5. Siti Umairah Binti Sallehudin, October 2020, *Regenerate Hulu Tamu Hot Spring as Health Sanctuary* | **Main Supervisor**
6. Aieshah Binti Shukry Talib, March 2020, *Injecting the Quality of Life and Social Functioning at Putra Heights, Petaling Jaya Through Sustainable Landscape Design Approach* | **Main Supervisor**
7. Nurfarah Dyana Binti Che Ghani, March 2020, *Embracing and Conserving the Traditional of Tanjung Bunut Village in Kuala Terengganu* | **Main Supervisor**
8. Raja Alya Dalili Binti Raja Jaafar, March 2020, *Community-Based Reinvention of Puncak Alam Town Centre: Engaging Mobility Through Enhancement of Space Connectivity* | **Main Supervisor**
9. Nur Syazanisa Binti Suhaimi, September 2019, *Reviving A Hidden Gem into Instagrammable Spots as Magnet of Tourism* | **Main Supervisor**
10. Muhammad Azmeer Farhan Bin Mohd Zamri, September 2019, *Creating Better Future by Regenerating the River Along Kampung Paya Jaras Hilir* | **Main Supervisor**

11. Mohd Izwan Bin Abu Bakar, September 2019, *Towards Restoration of Physical Development at Public Park Paya Indah Wetland* | **Main Supervisor**
12. Mohammad Naquiddin Bin Mohd Salehen, March 2019, *Regenerating Tanjung Karang Town Selangor Community Park* | **Main Supervisor**
13. Siti Mardhiana Binti Ahmad, March 2019, *Reclamation of Landslide Area at Bukit Antarabangsa Using Sustainable Design Approach* | **Main Supervisor**
14. Farah Asyikin Binti Azizul Azlan, September 2014, *Enhancing Spirit of The Place of Bandar Alor Gajah As A Heritage Town* | **Main Supervisor**
15. Hammal Syifa Binti Mohamad Hanafiah, September 2014, *Synergizing Functional Urban Spaces and Physical Heritage Values at Dataran Alor Setar into Vibrant Urban Centre* | **Main Supervisor**
16. Zanida Binti Mohamad, March 2014, *Resuscitation of Healthcare Institution for Community Through Outdoor Landscape Design at Hospital Sultanah Bahiyah, Alor Setar, Kedah* | **Main Supervisor**
17. Nur Ain Nazira Binti Azeman, September 2013, *Eco Cultural: Harmonizing the Waterfront Recreational and Mangroves Area at Pantai Batu Laut, Banting Selangor* | **Main Supervisor**
18. Fauziah Binti Mohamed Subbari, September 2013, *Urban Waterfront: Integrating Lumut Town Center And Waterfront Through Multifunctional Green Space* | **Main Supervisor**
19. Nurul Ain Binti Abu Hassan, March 2012, *Unifying Modern and Historical District Through Self Interpretive Walk in Melaka City Centre* | **Main Supervisor**
20. Mohd Rafizie Bin Mat Rais, September 2011, *Enhancing the Historical Value of Sungai Besi Oldtown Heritage Enclave at Sungai Besi, Kuala Lumpur* | **Main Supervisor**
21. Noryanti Binti Mohd Nasir, September 2011, *Rehabilitating the Paddy Field Area at Kampong Sawah Ring, Ledang, Johor as an Ecologically Responsive Outdoor Environment* | **Main Supervisor**
22. Md Azrin Bin Md Ismail, September 2011, *Captivating the Excitement of Shopping Haven at Ayer Hitam Town Centre, Batu Pahat, Johor* | **Main Supervisor**
23. Mohamad Zulfadzli Shah Bin Mohamad Yahya, September 2011, *Image of the City: Enhancing the Imageability of Batu Pahat Market as a Trading District* | **Main Supervisor**

Master of Science in Built Environment (AP781)

1. Raja Alya Dalili Binti Raja Jaafar, March 2021, *Assessing Carbon Footprint in University Campus towards Sustainable Campus Environment* | **Co-Supervisor**

Publications

1. Isa, M. M., Othman, N. & Ghazali, R. (2012, March). *GIS in Management of Landscape Trees: Determining, Monitoring, and Implementing Safety Measures on Potentially Hazardous Trees*, Signal Processing, and its Applications (CSPA), 2012 IEEE 8th International Colloquium on (pp. 426-430). IEEE. | **Main Author**
2. Isa, M. M., & Othman, N. (2012). *Using Geographic Information System for Trees Assessment at Public Park*. *Procedia-Social and Behavioral Sciences*, 42, 248-258. | **Main Author**
3. Othman, N., Isa, M. M., Mohamed, N. & Hasan, R. (2015). *Street Planting Compositions: The Public and Expert Perspectives*. *Procedia-Social and Behavioural Sciences*, 170, 350-358. | **Co- Author**
4. Othman, N., Isa, M.M., Mohamed, N, (2017). *Relationship of Culture and Plant Preferences among Malaysian Built Environment*, *Journal Faculty of Architecture, Planning and Surveying*, ISSN 1675-5022 | **Co- Author**

5. Anuar Mohd Noor, Shafea Leman, Mohd Salleh Daim, Mohd Zulhaili Teh, Zalizan Mohamad Salleh, Masbiha Mat Isa, Nurulhuda Abd. Hamid (2012) *Manual Penilaian Karakter Landskap Malaysia Malaysia Jabatan Landskap Negara, Kementerian Perumahan dan Kerajaan Tempatan* | **Co- Author**
6. Isa, M. M., Misni, A., & Ab Latif, F. A. (2021). *Landscape Architecture Design Studio-Based Using Process-Evaluation Model In Open Distance Learning*. I-Spike 2021 International Exhibition & Symposium, 378–381. | **Main Author**
7. Muhammad, F., Isa, M. M., & Ab Latif, F. (2021). *i-ReChlo: An Innovative Landscape Design Products for Sustainable Environment*. In *UiTM Cawangan Terengganu (Ed.), Graduate Digital Invention, Innovation & Design 2021* (pp. 5–8). <https://gdiid.uitm.edu.my/> | **Co- Author**
8. Ridzuan, N. A., Abdul Rasam, A. R., Isa, M. M., & Shafie, F. A. (2021). *Spatial Interaction between Lifestyles and Tuberculosis: An Expert and Public Participatory GIS in Malaysia*. *International Journal of Geoinformatics, 17*(5). <https://doi.org/10.52939/ijg.v17i5.2033> | **Co- Author**

Research Grants and Contracts

1. Masbiha Mat Isa, Noriah Othman (1 Januari - 31 Disember 2010) *GIS in Landscape Trees Management: Application on Potentially Hazardous Trees* | Excellent Grant | RM 6,900 | **Leader** | Completed
2. Masbiha Mat Isa, Noriah Othman, Noralizawati Mohamed (15 April 2012 - 14 April 2014) *Enhancement of Kaplan's Informational Processing Theory to Enrich the Quality of Life* | FRGS | RM 50,000 | **Leader** | Completed
3. Anuar Mohd Noor, Shafea Leman, Mohd Salleh Daim, Mohd Zulhaili Teh, Zalizan Mohamad Salleh, Masbiha Mat Isa, Nurulhuda Abd. Hamid (2010-2012) *Manual Penilaian Karakter Landskap Malaysia* | Research Grant | RM 304,440 | Jabatan Landskap Negara, Kementerian Perumahan Dan Kerajaan Tempatan | **Member** | Completed
4. Masbiha Mat Isa, Alamah Misni, Hasnun Nita Binti Ismail (2021-2013) | *Assessing of Carbon Footprint in the University Campus towards Sustainable Campus Environment* | MyRA | RM 20,000 | **Leader** | Ongoing

Consultation & Expertise

1. Research Grant | *Kajian Penyelidikan Manual (Landscape Character Assessment for Malaysia)*, Jabatan Landskap Negara | National | 2012 | **GIS Consultant and Facilitator**
2. Assembly of Landscape Architecture Student (ALAM 2012) | UiTM Shah Alam as the Host Event 2012 | National | **Head of Committees**
3. Digital Etiquette for University Students of UiTM Shah Alam | University | 2011 | **1 CITIZEN Certified Trainer**
4. Soft Skills Module for students of UiTM Shah Alam | Ministry of Higher Education | University | **Certified Trainers**
5. Internal Auditor | Faculty of Architecture, Planning & Surveying, UiTM | 2019-2020 | **Certified Auditor (Distinction Award)**

Innovation, Commercialization & Entrepreneurial

1. Karnival Industri Landskap, Kementerian Perumahan dan Kerajaan Tempatan | 2010 | **Committee**
2. Kemahiran Insaniah Modul 6, Kecemerlangan Ekonomi Bumiputera |2011 | **Facilitator**
3. Modul Kemahiran Insaniah, Institut Kepimpinan Pelajar, Kesedaran Kepentingan Sebagai Usahawan Untuk Meningkatkan Ekonomi |2011 | **Facilitator**
4. IID FSPU 2012, LTMS-UiTM 1.0 Landscape Trees Management System: Using GIS In Monitoring Safety Measures on Potentially Hazardous Trees |University | 2012 | **Project Leader**
5. IID FSPU 2012, Landscape Character Assessment Framework for Sustainable Landscape in Klang University | 2012 | **Member**
6. IID eX SE 2013 | FSPU, UiTM Shah Alam | **Committee**
7. FSPU Alumni Homecoming, Potensi Keusahawanan dalam Bidang Alam Bina |2014 | **Committee**
8. UiTM Entrepreneur Discourse FSPU, UiTM |University | 2020 | **Member**
9. IIDBEEX 2020 | International Invention, Innovation & Design Exposition for Built Environment and Engineering, FSPU, UiTM Shah Alam | **Exposition Judge**
10. INDES 2021 | Virtual Ipoh International Summit on Professionalism, Research and Education | **Jury**

Services & Administration

1. 1st January 2011 - 31st December 2011, UPENA | **Committee** | *Book writing project "Kerjaya Dalam Bidang Alam Bina"*
2. 17-18 September 2011, Temuduga dan Ujian Lukisan | **Ketua Panel** | *Student interview's panel for Diploma/ Sarjana Muda Sains Sesi 2 2011/2012 FSPU*
3. 15th April 2012, Temuduga dan Ujian Lukisan | **Ketua Panel** | *Student interview's panel for Diploma/ Sarjana Muda Sains Sesi 1 2012/2013 FSPU*
4. January 2009 - Disember 2012 | **Koordinator** | *Menyelaras aktiviti dan program untuk pembangunan akademik dan industri untuk pensyarah dan pelajar Pusat Pengajian Senibina Landskap dan FSPU*
5. January 2013-Februari 2015 | **Koordinator OBE** | *OBE-CDL documentation and report for PPSL*
6. April 2012-Mac 2014 | **Ahli jawatankuasa** | *MQA Program MSC Urban Ecology| Documentation*
7. 17 October 2019 - 30 September 2021 | **Ahli jawatankuasa** | *Kumpulan Penyelidikan, Entiti Kecemerlangan UiTM*
8. 15 September 2019 – 15 March 2020 | **Ahli jawatankuasa** | *AJK Penyediaan MQA-2*
9. 1st January 2018- 1st January 2020 | **Student Advisor** | *Center of Studies for Landscape Architecture, FSPU, Puncak Alam*
5 November 2019 | **Ahli jawatankuasa** | *Bengkel MQA Pusat Pengajian Senibina Landskap*
10. 1st September 2019- 1st February 2021 | **Academic Advisor** | *Pusat Pengajian Senibina Landskap*
11. 1st January 202 – 31st December 2022 | **Resource Person** | *Pusat Pengajian Senibina Landskap*
12. 1st September 2019- 31st August 2021 | **Secretary** | *Semakan Kurikulum Pusat Pengajian Senibina Landskap*
13. November 2019- November 2020 | **Ahli jawatankuasa** | *Audit Dalam Fakulti Senibina, Perancangan dan Ukur*
14. 04/10/2021 - 08/10/2021 | **Juruaudit Dalaman (KETUA)** | *Audit Dalam Fakulti Senibina, Perancangan dan Ukur*
15. 1/03/2020 - 28/02/2022 | **Ahli Jawatankuasa (Ajk)** | *Penyediaan Dokumen Pengiktirafan ILAM 2020*

Work and Collaboration Experience

1. 2010, *National Seminar on Built Environment (Nsibe 2010)* | **Committee**
2. 2011, *6th International Conference in the 21st Century (CITC VI 2011) Construction challenges in the New Decade, collaboration with East Carolina University* | **Committee**
3. 2011, *National Seminar on Built Environment (NSIBE2011)* | **Committee**
4. 2011, *Forum Kebangsaan Kontraktor Melayu Malaysia (FKKMM 2011)* | **Committee**
5. 2010, *Program bersama Jabatan Pusat Setempat (OSC) bersama MBSA* | **Program Coordinator**
6. 2011, *Bengkel Landscape Character Assessment bersama Jabatan Landskap Negara* | **Speaker and Facilitator**
7. 2011, *Program Halaman Cantik Peringkat Wilayah Persekutuan Kuala Lumpur, DBKL* | **Judge**
8. 2012, *ICRMBEE Convention* | **Committee**
9. 2012, *Bengkel Aplikasi 'Landscape Character Assessment' bersama Jabatan Landskap Negara* | **Speaker and Facilitator**
10. 2014, *Seminar FSPU Homecoming 2014* | **Committee**
11. 2016, *Bengkel Penggunaan GIS dalam Kajian Desktop untuk Penilaian Karakter Landskap Daerah Seremban, Negeri Sembilan* | **Facilitator and Technical Assessor**
12. 2021, *International Journal of Sustainable Tropical Design Research and Practice* | **Paper Reviewer**

Awards & Recognitions

1. **Excellent Service Award (2012)** |University| *Masbiha Mat Isa, Faculty of Architecture, Planning and Surveying, UiTM*
2. **Silver Award (2009)** |National | *FLORIA 2009, Garden Design University's Category* | **Team Leader**
3. **Silver Award (2010)** |National| *FLORIA 2010, Garden Design University's Category* | **Assistant Leader**
4. **Silver Award (2012)** |University| *IID FSPU 2012 Landscape Character Assessment Framework for Sustainable Landscape in Klang* | **Team Member**
5. **Bronze Award (2018)** |National| *LESTARI Colloquium, UKM 2018 Best Presenter for Poster Category Award* | **Main Author**
6. **Winner Award (2020)** | Majlis Anugerah Kecemerlangan Fakulti Senibina Perancangan & Ukur (MAKEF 2020) | *Kategori Open Distance Learning (ODL) -Undergraduate Design Base Open Educational Resources (OER)* | **Team Leader**
7. **Winner Award (2020)** | Majlis Anugerah Kecemerlangan Fakulti Senibina Perancangan & Ukur (MAKEF 2020) | *Kategori Open Distance Learning (ODL) -Introductory Video* | **Team Leader**
8. **Bronze Award (2021)** | 2nd Graduate Digital Invention, Innovation & Design (GDIID) | *Landscape Design Products* | **Team Member**
9. **Silver Award (2021)** | International Exhibition & Symposium on Productivity, Innovation, Knowledge & Education (i-SPIKE) | *Academic Inventor* | **Team Leader**
10. **Bronze Award (2021)** | 5th International Undergraduate Seminar on Built Environment and Technology 2021 (USBET), CLUSTER C – Technology & Engineering | **Main Supervisor**

Contribution to Society

1. 2016-present | **Member** | *Malaysian Nature Society (MNS)*
2. 1-14 Desember 2017 | **Volunteer** | *Rekabentuk dan Kerja Lapangan Laman Superthinkers* | In charge in design and implementation of outdoor landscape at Childcare Institution (including *asnaf* and orphanage)

Other Activities

1. 1st August -31st July 2014 | **Ahli Jawatankuasa RMU Fakulti** | *Industrial collaboration*
2. 27th September 2009 – 30th September 2010 | **Ahli Jawatankuasa** | Invention Innovation and Design (IID 2009) Exhibition Fakulti Senibina Perancangan dan Ukur | *Department's representative for delivering information for the competition*
3. January 2011 - February 2012 | **Pengarah Jawatankuasa** | Assembly of Landscape Architecture Student (ALAM 2012) | *Student's advisor, liaise information with other universities*
4. 1st April 2015 | **Ahli jawatankuasa** | IIDEX 2016 | *Registration and Souvenirs*
5. 21st November 2012 | **Ahli Jawatankuasa** | Invention, Innovation and Design IID 2011, FSPU UiTM | *Treasurer*
6. 23rd December 2013 | **Ahli Jawatankuasa** | Invention, Innovation and Design IID 2013 | FSPU UiTM | *Registration*
7. 7th – 10th December 2009 | **Pegawai pengiring** | Program ALAM Assembly of Landscape Architecture Students Malaysia di Kampus Seri Iskandar, UiTM Perak | *Supervising 49 students representing UiTM Shah Alam*
8. 6th February 2010 | **Penyelaras Program** | Bengkel Grafik Senibina Landskap 2010 Jabatan Senibina Landskap | *Organizing Graphic Workshop for PPSL students*
9. 19th March 2011-20th March 2011 | **Facilitator** | Modul Pro-KI Pembangunan Diri | *Delivering soft skills module for FSPU, UiTM students*
10. 26th March 2011 | **Facilitator** | Modul Pro-KI Pembentukan Insan Kamil | *Delivering soft skills module for FSPU, UiTM students*
11. 1st November – 31st October 2012 | **Facilitator** | Program 1 Citizen UiTM Shah Alam | *Delivering Digital Etiquette Module for FSPU, UiTM student*
12. 1st September 2012 – 31st August 2013 | **Facilitator** | Program 1 Citizen UiTM Shah Alam | *Delivering Digital Etiquette Module for FSPU, UiTM students*