

IZAWATI BT. TUKIMAN



- KULLIYAH OF ARCHITECTURE AND ENVIRONMENTAL DESIGN
- IIUM Gombak Campus
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المؤهل العلمي

- Sustainable Urban Landscape
- Master of Science in Landscape Architecture
- Bachelor of Science in Housing, Building & Planning (Elective)
- Architecture

مسؤوليات التدريس

APPRECIATION OF ARTS	2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
ECOLOGICAL LANDSCAPE DESIGN	2019/2020 2020/2021
ENTREPRENEURSHIP	2016/2017 2017/2018 2018/2019 2019/2020
INTEGRATED MULTI DISCIPLINARY PROJECT 1	2009/2010
INTRO. TO BUILT ENVIRONMENT	2019/2020
LANDSCAPE AND URBAN PLANNING	2012/2013
LANDSCAPE ARCHITECTURAL DESIGN 2	2009/2010 2011/2012 2012/2013 2013/2014 2014/2015 2017/2018
LANDSCAPE ARCHITECTURAL DESIGN 3	2014/2015 2016/2017
LANDSCAPE ARCHITECTURAL DESIGN 4	2010/2011 2015/2016 2016/2017 2018/2019 2019/2020
LANDSCAPE ARCHITECTURAL DESIGN 5	2010/2011 2011/2012 2012/2013 2013/2014 2015/2016 2017/2018 2018/2019
LANDSCAPE CONSTRUCTION I	2000/2001 2001/2002
LANDSCAPE CONSTRUCTION II	2000/2001
LANDSCAPE DESIGN II	2008/2009 2009/2010
LANDSCAPE DESIGN III	2000/2001 2001/2002
LANDSCAPE DESIGN IV	2000/2001
LANDSCAPE HERITAGE AND CULTURAL STUDIES	2016/2017

LANDSCAPE MAINTENANCE MANAGEMENT	2011/2012
LANDSCAPE MATERIAL AND CONSTRUCTION 1	2009/2010
LANDSCAPE RESOURCE PLANNING	2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2018/2019
SOIL, ECOLOGY AND NATURE	2016/2017
URBAN LANDSCAPE DESIGN	2019/2020

المشاريع البحثية

In Progress

2020 - Present	Projek Prototaip Peningkatan Landskap Ruang Komunal Pangsapuri kos Rendah, Selangor
2018 - Present	Study on Community Awareness and Preparedness for TNB's Disaster Risk Management Program in Cameron Highlands
2017 - Present	Penyediaan Pelan Induk Rekabentuk Sejagat 2017-2030 Petaling Jaya
2016 - Present	Establishing a Model for Rural Landscape Corridor for Tourism Route Planning
2016 - Present	The Application of 3D Visualisation Models as a Tool to Simulate Pedestrians Movement and Mobility of PwDs in Urban Environment
2016 - Present	Perception Analysis on Awareness and Preparedness at Tenaga Nasional Berhad (TNB) Sultan Abu Bakar Hydroelectric Scheme
2008 - Present	KAED Universal Design Unit (KUDU)

Completed

2017 - 2018	Kajian Pelan Induk Pembangunan
2017 - -1	Penyediaan Pelan Induk Rekabentuk Sejagat 2017-2030 Petaling Jaya
2016 - 2017	Perception Analysis on Awareness and Preparedness at Tenaga Nasional Berhad (TNB) Sultan Abu Bakar Hydroelectric Scheme
2016 - 2020	Establishing a Model for Rural Landscape Corridor for Tourism Route Planning
2016 - 2017	The Effectiveness of Maintenance Management Through Implementation of Building Maintenance Policy in Commercial High Rise Building
2016 - -1	Preparation of 4 Manuals: i) Registry of Access Consultants, Access Auditors and Access Advisor; ii) Manual Access Audit; iii) Manual Disaster Emergency Preparation for Persons with Disabilities; and iv) Local Authority Accessibility Master Plan

- 2015 - 2015** User Perception of Caravan as Mobile Homes for Shelter Relief Center as a Respond for Flood Disaster Preparedness
- 2015 - 2018** Empirical modeling as a strategic environmental cooling and reduction of heat island impact in relation to Islamic and Modern Urbanism Principles
- 2014 - 2016** People's Experience in the Relation to City Liveliness or Urban Streets
- 2012 - 2015** A Model for Integrated Green Infrastructure as Rainwater Management to Mitigate Stormwater in Urban Area
- 2012 - 2014** Landscape Ecological Study on Endanger Ecosystem : Documentation of the Last Health Forest Ecosystem in Malaysia
- 2012 - 2014** The impact of landscape design on house prices and values : An empirical investigation
- 2012 - 2015** Green-Health Model for Green Space and Urban Residents' Self-Reported Health
- 2012 - 2013** An Access Audit on Campus Landscape: A Case of Mahallat Uthman Ibn Affan and Nusaibah, International Islamic University Malaysia (IIUM), Gombak
- 2011 - 2013** Landscape Design as an Added Value to Real Estate Development in Klang Valley
- 2010 - 2011** Studies on Plant Materials for mangrove Ecosystem
- 2010 - 2012** Application of Aquatic Plant-Based Green Technology for Water Purification in Polluted Fresh water bodies
- 2010 - 2012** The Potential of Aquatic Plant Species (Salvina Natans and Azolla Pinnata) to Treat Heavy Metal in Natural Constructed Wetlands
- 2008 - 2012** The Process of Landscape Architectural Graphic Presentation

المنشورات

Article

- 2014** [Landscape design as part of green and sustainable building design.](#) Advanced Materials Research , 935 pp.277-280
- 2014** [Landscape design as an added value to real estate development in Klang Valley.](#) Advanced Materials Research , 935 pp.281-284
- 2011** [The Green Building Index \(GBI\): an innovation in landscape architecture .](#) Landskap Buletin, Jan-Apr 2011. Issue No 8 (8)

Conference or Workshop Item

- 2014** [The importance aspects of landscape design on housing development in urban areas.](#) In: **2014 5th International Conference on Environmental Science and Development (ICESD 2014)**

- 2014 [The impact of landscape design on house prices and values in residential development in urban areas.](#) In: **2014 5th International Conference on Environmental Science and Development (ICESD 2014)**
- 2013 [Evaluation and assessment of aquatic ecosystem status using aquatic plant species as key tolls indicator.](#) In: **International Conference on Frontiers of Environment, Energy and Bioscience (ICFEEB 2013)**
- 2013 [Planning staff as an actor of Geographic Information Systems \(GIS\)translation in the Planning Departments of the Kuala Lumpur City Hall, Malaysia.](#) In: **International Conference on Materials, Architecture and Engineering Technology (ICMAET 2013)**
- 2013 [The importance and involvement of landscape architecture in the Green Building Index \(GBI\) practice.](#) In: **International Conference on Materials, Architecture and Engineering Technology (ICMAET 2013)**
- 2013 [Campus landscape environment for student with disabilities \(SwDs\) in IIUM.](#) In: **3rd International Conference on Universal Design in the Built Environment 2013 (ICUDBE3/2013) MUSAWAH: Sharing The World "Universal Design & Green Technology"**
- 2013 [The impact of landscape design on house prices and values in urban areas.](#) In: **3rd International Conference on Universal Design in the Built Environment 2013 (ICUDBE3/2013) MUSAWAH: Sharing The World "Universal Design & Green Technology"**
- 2013 [Campus landscape environment for student with disabilities \(SwDs\): the case of the International Islamic University Malaysia \(IIUM\), Gombak Campus.](#) In: **2013 International Conference on Frontiers of Energy, Environmental Materials and Civil Engineering (FEEMCE 2013)**
- 2013 [Landscape design as part of green and sustainable building design.](#) In: **3rd International Conference on Green Building Technology and Materials**
- 2013 [Landscape design as an added value to real estate development in Klang Valley.](#) In: **3rd International Conference on Green Building Technology and Materials**
- 2013 [Campus landscape environment for student with disabilities \(SwDs\) in IIUM.](#) In: **International Sustainable Tropical Environmental Design Conference 2013 (SUSTED' 13)**
- 2013 [Reconstituting the concepts of sustainable stormwater management.](#) In: **International Conference on Architecture and Built Environment 2013 (ICABE2013)**
- 2012 [The importance and involvement of landscape architecture in the Green Building Index \(GBI\) practice.](#) In: **1st International Conference on Innovation and Technology for Sustainable Built Environment 2012 (ICITSBE 2012)**
- 2012 [The importance and involvement of landscape architecture in the Green Building Index \(GBI\) practice.](#) In: **1st International Conference on Islamic Built Environment (IBECONF) 2012**
- 2012 [Evaluation of mangrove species as phytoindicator for brackish water contamination.](#) In: **1st International Conference on Innovation and Technology for Sustainable Built Environment 2012 (ICITSBE 2012)**

- 2011 [The Green Building Index \(GBI\) on landscape architecture scope of works.](#) In: **10th Management in Construction Research Association Conference (MiCRA) 2011**
- 2011 [Landscape design as part of green and sustainable building design.](#) In: **International Conference on Universal Design in Built Environment (ICUDBE 2011)**
- 2011 [The Green Building Index \(GBI\): an innovation in landscape architecture .](#) In: **1st IFLA Asia Pacific Region Symposium on Landscape Architecture Education (SOLARE 2011)**
- 2011 [The Green Building Index \(GBI\) on Landscape Architecture Scope of Work .](#) In: **GIRG (Green Innovation Research Group), Universiti Tekonologi Malaysia,**
- 2011 [Potential of fern species to forecast microclimate changes at urban area.](#) In: **Seminar Bio-Kejuruteraan Penilaian Ekosistem & Spesies 2011**
- 2011 [International Conference on Universal Design in Built Environment \(ICUDBE 2011\).](#) In: **International Conference on Universal Design in Built Environment (ICUDBE 2011)**
- 2010 [The application of the Green Building Index \(GBI\) on sustainable site planning and management for residential new construction: prospects and future benefits.](#) In: **Sustainable Tropical Environmental Design Conference 2010 (SUSTED 2010)**
- 2010 [Application of aquatic plant-based green technology as phytoindicator and phytoremediation and for heavy metals contaminat in freshwater bodies .](#) In: **INTERNATIONAL CONFERENCE ON ENVIRONMENT 2010 (ICENV 2010)**
- 2010 [Phytotechnology: fern species to forecast microclimate changes at urban area.](#) In: **INTERNATIONAL CONFERENCE ON ENVIRONMENT 2010 (ICENV 2010)**
- 2010 [Phytotechnology: Macrophyte as phytoindicatot for unhealthy environment.](#) In: **International Conference on Environment 2010**
- 2009 [The ethnobotany of aquatic plant species in malay community.](#) In: **Proceedings of the 4th Global Summit on medicinal and Aromatic plants**
- 2009 [Medicinal plant species used by malay women for prenatal and postpartum care.](#) In: **Proceedings of the 4th Global Summit on Medicinal and Aromatic**

Book

- 2011 [Stewardship : the quest for a sustainable landscape.](#) IIUM Press . ISBN 978-967-0225-66-1
- 2011 [Graphic book: rendering and colouring.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-0225-53-1
- 2011 [Tourism and architecture.](#) IIUM Press . ISBN 978-967-418-131-4
- 2011 [Green architecture in built environment.](#) IIUM Press . ISBN 9789674180393

Book Section

- 2011 [Taming the flood in urban Malaysia.](#) In: **Nurturing nature for Man** IIUM Press . ISBN 9789674181284 , pp.10-21

- 2011** [Environmental paradox : urban drainage issues.](#) In: **Stewardship : the Quest for a Sustainable Landscape** IIUM Press . ISBN 978-967-0225-66-1 , pp.108-126
- 2011** [Landscape design as part of green and sustainable building design .](#) In: **Green Architecture in Built Environment** IIUM Press . ISBN 9789674180393 , pp.43-51
- 2011** [Managing stormwater through landscape design for urban sustainability .](#) In: **A compendium of urban and regional planning studies in the built environment of Malaysia** IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-038-6 , pp.32-38
- 2011** [Macrophytes as phytoindicator for eutrophication.](#) In: **Visioning Malaysian landscape** IIUM Press, International Islamic University Malaysia . ISBN 9789674180539 , pp.40-45
- 2011** [Urban drainage: a lesson from Putrajaya.](#) In: **Visioning Malaysian landscape** IIUM Press, International Islamic University Malaysia . ISBN 9789674180539 , pp.46-57
- 2011** [Islamic purification and water management .](#) In: **The green culture of Islam** IIUM Press, International Islamic University Malaysia . ISBN 9789674180683 , pp.52-58