

# ALIAS BIN ABDULLAH



- KULLIYAH OF ARCHITECTURE AND ENVIRONMENTAL DESIGN
- IIUM Gombak Campus
- Email address: [dralias@iium.edu.my](mailto:dralias@iium.edu.my)

## ACADEMIC QUALIFICATION

- Ph.D in Regional & Environmental Design
- Master of Engineering in Environmental Construction Engineering
- Japanese Language
- Bachelor of Urban & Regional Planning

## TEACHING RESPONSIBILITIES

COMPUTER AIDED DESIGN FOR URP I	1998/1999
COMPUTER AIDED DESIGN FOR URP II	1999/2000
GEOGRAPHIC INFORMATION SYSTEM IN PLANNING	2003/2004 2004/2005 2006/2007
GEOSPATIAL 3: GIS APPLICATION FOR PLANNING	2019/2020
GIS APPLICATION FOR BUILT ENVIRONMENT	2001/2002 2002/2003 2003/2004 2004/2005 2005/2006 2006/2007 2007/2008 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019
GIS FOR LANDSCAPE ARCHITECTURE	2010/2011
GIS FOR URBAN AND REGIONAL PLANNING	1999/2000 2000/2001
PLANNING AND DECISION SUPPORT SYSTEM	2006/2007 2007/2008
PLANNING AND DECISION SUPPORT SYSTEM	2005/2006 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
PLANNING AND DECISION SUPPORT SYSTEMS	2001/2002 2002/2003 2003/2004 2004/2005 2005/2006
PLANNING AND DECISION SUPPORT SYSTEMS	2003/2004
PLANNING PRACTICE AND MANAGEMENT	2002/2003
PLANNING STUDIO 1	1998/1999 1999/2000 2010/2011 2016/2017
PLANNING STUDIO 2	1998/1999 1999/2000 2010/2011
PLANNING STUDIO 2 (MIXED DEVELOPMENT)	2018/2019

PLANNING STUDIO 3 (SPECIAL AREA PLANNING)	2019/2020
PLANNING STUDIO 4	2011/2012
PLANNING STUDIO 5	2000/2001 2011/2012 2018/2019
PLANNING STUDIO 6	2000/2001 2009/2010 2016/2017
PRINCIPLES OF LOCAL PLANNING	1999/2000
PRINCIPLES OF URBAN & REGIONAL PLANNING	1998/1999 1999/2000 2000/2001
PROFESSIONAL PLANNING PRACTICE	2001/2002
PUBLIC ADMINISTRATION AND FINANCE	2019/2020
SITE PLANNING	1998/1999 1999/2000 2000/2001

## RESEARCH PROJECTS

### In Progress

<b>2017 - Present</b>	Modelling for carrying capacity framework in highly sensitive area tourism
<b>2017 - Present</b>	Kajian Semula Dasar Perumahan Negara Bagi Tahun 2018-2022
<b>2016 - Present</b>	Development and Characterization of Principles of Malay Urbanism in Modern Cities - Conflating Model of Urban Spatial Strategies through 3D GIS
<b>2015 - Present</b>	The Development of Social, Physical and Economic Sustainable Well-Being Indicators for Malaysia
<b>2014 - Present</b>	Formulation of Gis-Hedonic Pricing Modeling on the Impact of Public Open Spaces on Residential Property Value
<b>2013 - Present</b>	A Formation of Islamic Framework and Model for Sustainable and Liveable Cities with Reference to Maqasid Al-Shariah : Toward Quality of Life in Urban Setting
<b>2013 - Present</b>	Virtual Kuala Lumpur Mosque Content Using Mixed Interactive Mobile Applications Platform

### Completed

<b>2017 - 2017</b>	Pembinaan Aplikasi i-Islam Perlis Majlis Agama Islam dan Adat Istiadat Melayu Perlis (MAIPs)
<b>2016 - -1</b>	Dasar Perumahan Negara 2018-2022
<b>2015 - 2019</b>	Evaluating the impacts of land use pattern on neighbourhoods? wellbeing
<b>2015 - 2018</b>	Designing Zoning of Remote Sensing Drones/UAV in Cities and Neighborhood Area in Greater Kuala Lumpur

- 2015 - 2019** Evaluating the impacts of land use pattern on neighbourhoods? wellbeing
- 2015 - 2018** The Development of Social, Physical and Economic Sustainable Well-Being Indicators for Malaysia
- 2015 - -1** Kaji Selidik Persepsi Awam Mengenai Isu Utama dan Keperluan Golongan Belia Dalam Pembangunan 1Malaysia Youth Cities
- 2015 - 2017** Versatile MyMasjid Mobile Application Prototype Development
- 2015 - 2017** A Study on Illegal Factories in Perak: Toward an Effective Legalisation of Non-Conforming Industrial Activities and Establishment
- 2015 - -1** A Study on Illegal Occupation and Illegal Operation of Landuse Categories in Perak: A Case Study of State Land
- 2015 - 2017** A Study on Housing Stock: Demand and Supply in Perak
- 2015 - -1** Expansion, Improvement and Upgrading the IIUM Spatial Information and Facilities and Asset Management System Web-Based (I-SPACE)
- 2014 - 2017** Formulation of Gis-Hedonic Pricing Modeling on the Impact of Public Open Spaces on Residential Property Value
- 2014 - 2014** Pelan Pembangunan Kawasan Kilang Haram Di Bawah Pentadbiran Majlis Perbandaran Selayang
- 2014 - -1** Pelan Pembangunan Kawasan Kilang Haram Di Bawah Pentadbiran Majlis Perbandaran Selayang
- 2013 - 2017** A Formation of Islamic Framework and Model for Sustainable and Liveable Cities with Reference to Maqasid Al-Shariah : Toward Quality of Life in Urban Setting
- 2013 - 2018** Virtual Kuala Lumpur Mosque Content Using Mixed Interactive Mobile Applications Platform
- 2012 - 2016** Collection and Characterisations of Airbone Particulates at Kuala Lumpur General Hospital, Tengku Ampuan Rahimah Hospital and Putrajaya Hospital
- 2012 - 2015** Spectral Libraries on Urban Land use Classification (SLULC) using Object Oriented Technique and High Resolution Satellite Imagery for Development Plan Purpose
- 2011 - 2014** RU 2011: Malaysian urban Indicators Network (MURNInet): Reclassification of Indicators According to Maqasid al-Shariah
- 2011 - 2013** Petri-Net Programme Application in the Assessment of Heavy Rail-Based Public Transportation Performances Under National Key Result Area (NKRA)2011-2013: The Case of KTM Komuter
- 2011 - 2013** Feasibility Study on Environmental Tourism Carrying Capacity (ETCC) Assessment in Ecotourism for National Park in Malaysia: A Case Study of Endau Rompin National Park and Royal Belum State Park
- 2010 - 2011** Sistem Pemantauan Pencapaian Pelan Bandaraya Kuala Lumpur 2020 (SPP PBRKL2020) - Dewan Bandaraya Kuala Lumpur

- 2009 - 2011** Analyzing the Function and Safety Elements of Back Lanes in Terrace Housing in Kuala Lumpur
- 2008 - 2009** Evaluating The Performance of Neighbourhood Pedestrianization According to The Approved layout Plan Using Geographical Information System (GIS) and Statistical Approaches.
- 2006 - 2012** Development of Dynamic Modelling for Measuring the Performance of Development Plan in Achieving Environmental Conservation Objectives
- 2004 - 2005** Evaluating the Level of Knowledge Related to Spatial Planning and Decision Support System (SPDSS) Among Malaysian Professional Town Planners
- 2004 - 2004** A Study to Evaluate Child-Friendly Neighbourhoods Through a Set of Child-Friendly Indicators

## PUBLICATIONS

### Article

- 2019** [3D city modeling using multirotor drone for city heritage conservation.](#) Planning Malaysia , 17 (1) pp.338-389
- 2018** [Prioritization Of The Indicators And Sub-Indicators Of Maqasid Al-Shariah In Measuring Liveability Of Cities.](#) International Journal of the Analytic Hierarchy Process , 10 (3) pp.348-371
- 2018** [Reweaving the urban fabric of the historic riverfront townscape of Masjid India, Kuala Lumpur.](#) International Journal of Engineering & Technology , 7 (3.9) pp.81-85
- 2018** [Historical urban form: a case study of Melaka.](#) Planning Malaysia: Journal of the Malaysian Institute of Planners , 16 (2) pp.153-163
- 2018** [Factor analysis on hedonic pricing model on open space affecting the housing price in Melaka and Seremban.](#) Planning Malaysia , 16 (2) pp.119-130
- 2018** [Developing Land Use Geospatial Indices \(LUGI\) for sprawl measurement in alpha cities: case study of Kuala Lumpur, Malaysia.](#) Cities pp.1-14
- 2018** [Using terrestrial laser scanner for Malay heritage documentation: preliminary approach to Istana Balai Besar, Kelantan.](#) International Journal of Development and Sustainability , 7 (6) pp.1886-1897
- 2018** [Factor analysis on the public open space affecting the housing price in Kuala Lumpur, Malaysia.](#) Journal of Fundamental and Applied Science , 10 (5S) pp.691-704
- 2018** [Urban morphological analysis framework for conservation planning and management.](#) Planning Malaysia , 16 (1) pp.360-371
- 2018** [Determining housing affordability for young professionals in Klang Valley, Malaysia: residual income approach.](#) Planning Malaysia , 16 (2) pp.89-98

- 2018** [Human interdependency for sustainable well-being: structural invariance across settlement areas.](#) Planning Malaysia , Volume 16, Issue 1, 2018 (1) pp.281 -293
- 2017** [Sustainable well-being: An empirical exploration on human interdependence with other humans.](#) Advanced Science Letters , 23 (7) pp.6357-6361
- 2017** [Sustainable well-being: An empirical exploration on human interdependence with the environment.](#) Advanced Science Letters , 23 (7) pp.6352-6356
- 2017** [A conceptual framework of Maqasidic human wellbeing index.](#) International Journal of Advanced Biotechnology and Research (IJBR) , 8 (Special Issue 3) pp.220-225
- 2017** [Human wellbeing index based on Maqasid Al-Shari'ah \(The objectives of Islamic Law\).](#) International Journal of Advanced Biotechnology and Research , 8 (Special Issue 3) pp.226-232
- 2017** [The philosophy of Maqasid al-Shari'ah and its application in the built environment.](#) Journal of Built Environment, Technology and Engineering (JBETE) , 2 pp.215-222
- 2017** [The philosophy of Maqasid al-Shariah and its application in the built environment.](#) Journal of Built Environment, Technology and Engineering , 2 pp.35-44
- 2017** [A critical review on the worldwide economist intelligence unit, Mercer and Monocle quality of life indicators.](#) Journal of Business and Economics , 8 (7) pp.584-593
- 2017** [Analysis on the fulfillment of hierarchy of needs for central region of Malaysia.](#) Advanced Science Letters , 23 (1) pp.417-421
- 2017** [An analytical study of Malaysia's quality of life indicators.](#) Journal of Business and Economics , 8 (6) pp.488-498
- 2017** [Assessment on subjective sustainable well-being for central region of Malaysia.](#) Advanced Science Letters , 23 (4) pp.2929-2933
- 2017** [Quality of life: review on an approach integrating Maqasid al-Sharia.](#) Advanced Science Letters , 23 (4) pp.2718-2721
- 2017** [Young professionals' housing affordability through housing preferences in Kuala Lumpur and a review on the means-end chain model.](#) Planning Malaysia , 15 (1) pp.369-376
- 2017** [Influence of coal-fired power plant combustions toward neighbourhood residents.](#) Advanced Science Letters , 23 (7) pp.6114-6117
- 2017** [A theoretical assessment on sustainable wellbeing indicators for people interrelationships.](#) Planning Malaysia: Journal of the Malaysian Institute of Planners , 15 (1) pp.21-30
- 2017** [Environmental planning policy and development strategies in the context of Maqasid Al-Shari'ah.](#) Advanced Science Letters , 23 (7) pp.6381-6385
- 2017** [Bibliometric analysis on quantifying urban sprawl in assessing a comprehensive meaning of sprawl: A review.](#) Planning Malaysia , 15 (1) pp.305-318

- 2017** [A theoretical assessment on sustainable wellbeing indicators for people interrelationships.](#) PLANNING MALAYSIA: Journal of the Malaysian Institute of Planners , 15 (1) pp.21-30
- 2017** [Optimization of essential oil and fucoxanthin extraction from Sargassum binderi by Supercritical Carbon Dioxide \(SC-CO<sub>2</sub>\) extraction with ethanol as co-solvent Using Response Surface Methodology \(RSM\).](#) International Food Research Journal , 24 (Suppl.) pp.S514-S521
- 2017** [Public facilities and human wellbeing in the context of Maqasid al-Shari'ah.](#) Advanced Science Letters , 23 (7) pp.6309-6312
- 2016** [Islamisation of town planning education: a review on the courses offered by the department of urban and regional planning, International Islamic University Malaysia.](#) Planning Malaysia: Journal of the Malaysian Institute of Planners , Special issue IV-2016 pp.209-224
- 2016** [The concept of sustainability from the Islamic perspectives.](#) International Journal of Business, Economics and Law , 9 (5) pp.112-116
- 2016** [Managing urbanisation and urban sprawl in Malaysia by using remote sensing and GIS applications.](#) Planning Malaysia: Journal of the Malaysian Institute of Planners , Special issue IV-2016 pp.17-30
- 2016** [Liveability planning for cities: Within the Islamic framework of Maqasid Al-Shari'ah.](#) Planning Malaysia: Journal of the Malaysian Institute of Planners , Special issue IV-2016 pp.197-208
- 2016** [Analysis of shrines properties using remote sensing approach: case study of Lembah Bujang.](#) Planning Malaysia: Journal of the Malaysian Institute of Planners , Special issue IV pp.315-328
- 2016** [Monitoring the performance of state structure plan in delivering output using dynamic model.](#) Planning Malaysia: Journal of the Malaysian Institute of Planners , Special issue IV-2016 pp.411-426
- 2016** [Controlling land use sprawl with geospatial indices for effective local government.](#) Journal of Universal Design in The built environment , 2 (2)
- 2016** [Fabrication of Fucoxanthin-Loaded Microsphere \( F-LM\) by two steps double-emulsion solvent evaporation methods and characterization of fucoxanthin before and after microencapsulation.](#) Journal of Oleo Science , 65 (8) pp.641-653
- 2015** [Contextualising the Islamic fundamentals in the contemporary concepts of sustainability, livability and quality of life in the built environment.](#) Middle-East Journal of Scientific Research , 23 (6) pp. 1249-1256
- 2015** [Assessing the urban and rural stage bus services disparities in peninsula Malaysia.](#) PLANNING MALAYSIA - Journal of the Malaysian Institute of Planners , 13 pp.65-84
- 2015** [Coal-fired power plant airborne particles impact towards human health.](#) Jurnal Teknologi , 77 (30) pp.19-24
- 2015** [CO<sub>2</sub> emissions for concrete bore piling construction.](#) Jurnal Teknologi , 77 (30) pp.25-34
- 2014** [Leveraging of remote sensing and GIS on mapping in urban and regional planning applications .](#) IOP Conference Series: Earth and Environmental Science , 20 (1)

- 2014** [Geospatial analysis in monitoring land use encroachment into heritage site in Bujang Valley.](#) Journal of Architecture, Planning and Construction Management , 4 (2) pp.77-91
- 2014** [Geospatial technology approaches in urban morphology for resilient urban governance.](#) PLANNING MALAYSIA - Journal of the Malaysian Institute of Planners , 3 pp.1-14
- 2013** [Land cover change detection analysis on urban green area loss using GIS and remote sensing techniques.](#) Journal of the Malaysian Institute of Planners , XI pp.125-138
- 2011** [Application of GIS-planning decision support system in predicting development impact assessment .](#) International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences , XXXVII (4-C21) pp.51-58
- 2011** [Classification of satellite fused data for land use mapping in development plan.](#) Journal of the Malaysian Institute of Planners , 9 pp.97-106
- 2011** [Evaluating stakeholders' preferences: Reconciling heritage and sustainability in Kuala Lumpur traditional areas.](#) Journal of the Malaysian Institute of Planners , 9 pp.37-50
- 2010** [Book review,handbook of research on e-planning: ICTs for urban development and monitoring.](#) PLANNING MALAYSIA - Journal of the Malaysian Institute of Planners , 8 pp.101-108
- 2009** [An integrated approach for the prediction of water quality index based on land use attribute using data generation method and back propagation network algorithm.](#) Journal of the Malaysian Institute of Planners , 7 pp.83-109
- 2009** [Modelling the reality in planning: SPSS experiences in Malaysia.](#) Malaysian Journal of Environmental Management , 10 (1) pp.119-132
- 2008** [The contribution of Fiqh al-Jinayat \(Islamic Criminal Law\) to the planning of a safe city.](#) Journal of the Malaysian Institute of Planners , 6 pp.19-38
- 2005** [A study on planning of childcare centre in neighbourhood area: case study of Bandar Bukit Tinggi, Klang, Malaysia.](#) Journal of Islamic Built Environment , 1 (1) pp.17-46
- 2005** [A study on the demand of spatial planning and decision support system in Malaysia.](#) PLANNING MALAYSIA - Journal of the Malaysian Institute of Planners , 3 pp.47-60
- 2003** [Managing urban development process by using spatial information system: a case study of i-space.](#) Journal of the Malaysian Institute of Planners , 1 pp.71-92

#### **Conference or Workshop Item**

- 2018** [Drone 3D mapping in identifying Malay urban form: case study of Kota Bharu.](#) In: **9th IGRSM International Conference and Exhibition on Geospatial & Remote Sensing (IGRSM 2018)**
- 2018** [The aesthetic tendencies of early modernity in South-East Asia: the hybrid language of aristocratic palaces of the early 1900s in Malaysia.](#) In: **7th International Seminar On Nusantara Heritage 2018 (7th ISoNH 2018)**

- 2018 [Analysis of the spatial reasoning of historical Perak Sultanate.](#) In: **The 39th Asia Conference on Remote Sensing (ACRS 2018)**
- 2018 [3D GIS modeling techniques for documentation and preservation of cultural heritage for Southeast Asian.](#) In: **39th Asian Conference on Remote Sensing (ACRS) 2018**
- 2018 [Remote sensing UAV/drones and its applications for urban areas: a review.](#) In: **9th IGRSM International Conference and Exhibition on Geospatial & Remote Sensing (IGRSM 2018)**
- 2018 [A GIS model analysis on the prediction of socio economic impacts.](#) In: **39th Asian Conference on Remote Sensing (ACRS) 2018**
- 2018 [Developing dengue index through the integration of crowdsourcing approach \(X-Waba\).](#) In: **9th IGRSM International Conference and Exhibition on Geospatial & Remote Sensing (IGRSM 2018)**
- 2017 [Historical urban form: A case study of Melaka.](#) In: **International Conference on Housing, Planning, Environment and Social Sciences (HOPES2017)**
- 2017 [Religious dimensions of Malaysia's wellbeing indexes.](#) In: **4th Asia Pacific Conference on Advanced Research (APCAR - Mar,2017)**
- 2017 [A conceptual framework of Maqasidic human wellbeing index.](#) In: **MDSG Conference 2017**
- 2017 [Remote sensing technologies in supporting sustainable development goals \(SDGS\) indicators in Malays.](#) In: **United Nations/Russian Federation Workshop on Human Capacity-Building in Space Science and Technology for Sustainable Social and Economic Development**
- 2017 [Selected peer-reviewed articles from the International Conference on Architecture and Built Environment 2016 \(ICABE 2016\), Kuala Lumpur, Malaysia, 5-6 October, 2016.](#) In: **ICABE2016 International Conference on Architecture & Built Environment**
- 2017 [UAV/drone zoning in urban planning: review on legals and privacy.](#) In: **The Second International Conference on the Future of ASEAN 2017**
- 2017 [Factor analysis on the public open space affecting the housing price in Kuala Lumpur, Malaysia.](#) In: **3rd International Conference on Business Management and Information Technology (ICBMIT 2017)**
- 2017 [Controlling leapfrog sprawl with remote sensing and GIS application for sustainable urban planning.](#) In: **The 2nd International Conference on the future ASEAN (ICOFA 2017)**
- 2017 [Constructing and modelling 3D GIS model in city engine for traditional Malay city.](#) In: **The Second International Conference on the Future ASEAN (ICoFA 2017)**
- 2017 [Factor analysis on hedonic pricing model on open space affecting the housing price in Melaka and Seremban.](#) In: **International Conference on Housing, Planning, Environment and Social Sciences (HOPES2017)**
- 2016 [Reviewing the concept of sustainability from the Islamic perspectives.](#) In: **Kuala Lumpur International Islamic Studies and Civilisations (KLiISC) 2016**



- 2016 [Assessment on subjective sustainable well-being for central region of Malaysia.](#) In: **2016 International Conference on Social Sciences and Humanities (SOSHUM 2016)**
- 2016 [Filtering techniques on analysis of archeology areas using radarsat images: case study of Lembah Bujang, Malaysia.](#) In: **The international Symposium Photogrammetry Remote sensing (ISPRS)**
- 2016 [Housing stock study: demand and supply in Perak.](#) In: **Seminar Penyelidikan Tahunan IDR Ketiga 2016 dan Pangkor Dialogue Expos Tahun 2016**
- 2016 [Sustainable well-being: An empirical exploration on human interdependence with the environment.](#) In: **International Conference on Architecture & Built Environment (ICABE 2016)**
- 2016 [Sustainable well-being: An empirical exploration on human interdependence with other humans.](#) In: **International Conference on Architecture & Built Environment (ICABE 2016)**
- 2016 [Realizing studio project as part of the achievement of the Key Performance Indicators \(KPI\) for academics.](#) In: **The 5th International Conference on Language, Education and Innovation (ICLEI)**
- 2016 [Designing zoning of remote sensing drones for urban applications: a review.](#) In: **The International Symposium Photogrammetry, Remote Sensing (ISPRS)**
- 2016 [Issues and potential of mosque as a spiritual tourism destination in Malaysia.](#) In: **ISER 22nd International Conference 2016**
- 2016 [Identifying shrines area using RADARSAT Lembah Bujang, Kedah, Malaysia .](#) In: **International Conference on Development and Socio Spatial Inequalities 2015**
- 2016 [Maqasid al-Shari'ah vis-a-vis town planning.](#) In: **The 2nd International Convention on Islam, Science and Education (KONGSI '16)**
- 2016 [Analysis on the fulfillment of hierarchy of needs for Central Region of Malaysia.](#) In: **2016 Advanced Research on Business, Management and Humanities (ARBUHUM2016)**
- 2016 [Quality of life: review on an approach integrating Maqasid al-Shariah.](#) In: **2016 International Conference on Social Sciences and Humanities (SOSHUM 2016)**
- 2015 [Livability planning in gated community residential scheme: Malaysian socio-religious approach .](#) In: **EAROPH 2015 Regional Seminar**
- 2015 [An overview of Masaqid Al-Syariah on homeownership and young graduate's wellbeing through sustainable affordable housing.](#) In: **Social Sciences Postgraduate International Seminar (SSPIS) 2015**
- 2015 [Integrating sustainability indicators in Malaysia with Maqasid al-Shariah \(The objectives of Islamic law\).](#) In: **International Conference On Advances In Education And Social Sciences (ADVED'15)**
- 2015 [The effects of public open spaces to double-storey housing prices In Kuala Lumpur, Malaysia.](#) In: **2nd International Conference on Education and Social Sciences (INTCESS'2015)**

- 2015 [Integrating sustainability indicators in Malaysia with Maqasid al-Shari'ah \(the objectives of Islamic Law\).](#) In: **International Conference On Advances In Education And Social Sciences (ADVED'15)**
- 2015 [Managing urbanisation and urban sprawl in malaysia by using remote sensing and GIS applications.](#) In: **13th International Congress of Asian Planning Schools Association (APSA2015)**
- 2015 [Controlling land use sprawl with geospatial indices for effective local government.](#) In: **4th International Conference on Universal Design in the Built Environment 2015 (4th ICUDBE2015) Putrajaya, Malaysia**
- 2015 [Monitoring the performance of state structure plan in delivering output using dynamic model.](#) In: **13th International Congress of Asian Planning Schools Association (APSA 2015)**
- 2015 [Sustainable urban regeneration: GIS and hedonic pricing method in determining the value of green space in housing area.](#) In: **Asian Conference on Environment-Behaviour Studies (AcE-Bs 2014)**
- 2015 [Sustainable urban planning mapping using remote sensing and GIS in Malaysia.](#) In: **2015 Joint Urban Remote Sensing Event, JURSE 2015**
- 2014 [The relationship between open spaces and house prices in selected townships in Kuala Lumpur, Malaysia.](#) In: **International Conference on Social Sciences and Humanities (SOCIO-INT14)**
- 2014 [Leveraging of remote sensing and GIS on mapping in urban and regional planning applications.](#) In: **7th IGRSM International Remote Sensing & GIS Conference and Exhibition**
- 2013 [Urban land use spectral using high resolution imagery and GIS approach in sustaining urban planning spatial databases.](#) In: **The 34th Asean Conference of Remote Sensing**
- 2012 [The contribution of GIS in predicting impact assessment : towards managing urban planning sustainably.](#) In: **10th International Urban Planning and Environment Symposium**
- 2012 [The delivery system of development impact assessment using GIS-based technology: Towards sustainable urban environment.](#) In: **IFKAD and KCWS 2012 International Forum on Knowledge Asset Dynamics**
- 2012 [Managing urban land use sprawl in developing countries using GIS and remote sensing : towards resilient cities.](#) In: **IFKAD 2014 - International Forum on Knowledge Asset Dynamics**
- 2012 [Sustainability in air transportation from Islamic perspective.](#) In: **First International Conference on Islamic Built Environment**
- 2012 [Water transportation from Islamic perspectives.](#) In: **first International Conference on Islamic Built Environment**
- 2011 [Remote sensing in urban sprawl modeling: Scenario and way forward in developing countries.](#) In: **5th International Conference on Built Environment in Developing Countries (ICBEDC 2011)**

- 2011 [Remote sensing in urban sprawl modelling: scenario and way forward in developing countries \(UP 040\)](#). In: **5th International Conference & Workshop On Built Environment in Developing Countries**
- 2009 [GIS application in monitoring development plan implementation in Malaysia: Weaknesses and potential](#). In: **11th International Conference on Computers in Urban Planning and Urban Management**
- 2007 [Promoting knowledge cities agenda through institutionalization of spatial planning and decision support system in Malaysia](#). In: **The 2nd International Symposium on Knowledge Cities**
- 2006 [Planning support system for sustainable development in Malaysia: a case analysis of Selangor State, Malaysia](#). In: **18th International Conference on Multiple-Criteria Decision Making**
- 2004 [SPDSS demand in Malaysia](#). In: **International Conference on Spatial Planning and Decision Support System 2004**
- 2004 [Collaborative decision support for spatial planning and asset management: IIUM total spatial information system](#). In: **11th International Symposium on Spatial Data Handling**
- 2002 [Spatial information system as a tool in managing urban development process](#). In: **18th EAROPH World Planning Congress**
- Book**
- 2017 [The influence of open space on sub-sale house pricing in Selangor](#). IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-648-7
- 2011 [Contemporary research in urban planning](#). IIUM Press . ISBN 978-967-418-036-2
- 2006 [AUICK Associate Cities Report: United Nations millennium development goals baseline study for Kuantan City, Malaysia](#). Bureau of Consultancy and Entrepreneurship (BCE) . ISBN 9834259085
- Book Section**
- 2018 [Tropical urbanism: greenery and walkways in mediating identities](#). In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.117-136
- 2018 [Sustainable well-being objective indicators: Basic necessities, complementary needs and desired opportunities](#). In: **Sustainable Future for Human Security Society, Cities and Governance** Springer . ISBN 978-981-10-5432-7 , pp.175-188
- 2016 [Application of 3D modeling in managing planning control in Kuala Lumpur metropolitan area](#). In: **Spatial decision support for urban and environmental planning: a collection of case studies** IIUM Press . ISBN 978-967-418-419-3 , pp.109-126
- 2016 [Land cover change detection analysis on urban green area loss using GIS and remote sensing techniques](#). In: **Spatial decision support for urban and environmental planning : a collection of case studies** IIUM Press . ISBN 978-967-418-419-3 , pp.187-201

- 2015 [Land cover change detection using GIS and remote sensing techniques: case study Kuantan city.](#) In: **Malaysian case studies of urban and regional planning** IIUM Press . ISBN 9789674183288 , pp.39-47
- 2012 [Etika orang awam dan pihak berkuasa tempatan dalam sesi penyertaan awam.](#) In: **Perancangan bandar dari perspektif Islam** Dewan Bahasa dan Pustaka . ISBN 9789834611446 , pp.90-109
- 2011 [An overview of GIS based analysis in school siting in Malaysia .](#) In: **Planning sustainable cities in Malaysia: issues and challenges** IIUM Press . ISBN 978-967-418-047-8 , pp.52-59
- 2011 [Preferred fence design: a case study of selected communities in the Klang valley.](#) In: **Contemporary Research in Urban Planning** IIUM Press . ISBN 978-967-418-036-2 , pp.19-29
- 2011 [Determination of spatial factor in measuring urban sprawl using remote sensing and GIS approach.](#) In: **Readings in Malaysian urban and regional planning** IIUM Press . ISBN 9789674180379 , pp.32-38
- 2011 [Kuala Lumpur draft city plan 2020 local inquiry: an analysis of its shortcomings.](#) In: **Readings in Malaysian urban and regional planning** IIUM Press . ISBN 9789674180379 , pp.61-66
- 2011 [Remote sensing in urban sprawl modeling: scenario and way forward in developing countries.](#) In: **Contemporary studies and methodology in urban and regional planning in Malaysia** IIUM Press . ISBN 9789670225678 , pp.115-125
- 2011 [Residents' perception of safety of backlanes at terraced-housing areas in Kuala Lumpur .](#) In: **A Compendium Of Urban And Regional Planning Studies In The Built Environment of Malaysia** IIUM Press . ISBN 978-967-418-038-6 , pp.8-18
- 2011 [Malaysia urban indicators network \(MURNInet\) in the context of maqasid al-shariah: an overview .](#) In: **A Compendium Of Urban And Regional Planning Studies In The Built Environment of Malaysia** IIUM Press . ISBN 978-967-418-038-6 , pp.49-56
- 2011 [Conceptual and possible applying limits of acceptable change framework into Malaysian national park: a case study of Endau Rompin and Mulu .](#) In: **Readers of Environmental Planning In Malaysia** IIUM Press . ISBN 9789674180461 , pp.29-36
- 2011 [Environmental tourism carrying capacity study by using multi criteria evaluation approach in Royal Belum State Park, Perak Darul Ridzuan, Malaysia.](#) In: **Tourism and Architecture** IIUM Press . ISBN 978-967-418-131-4 , pp.27-35
- 2011 [GIS application in monitoring development plan implementation in Malaysia: weaknesses and potential .](#) In: **Readers of Environmental Planning In Malaysia** IIUM Press . ISBN 9789674180461 , pp.37-48
- 2010 [GIS implementation in Malaysian statutory development plan system.](#) In: **Handbook of research on e-planning: ICTs for urban development and monitoring** IGI Global . ISBN 9781615209293 , pp.435-454
- 2009 [Institutionalisation of spatial planning and decision support systems for planning and governance in Malaysia.](#) In: **Spatial Decision Support for Urban and Environmental Planning** Arsh Publications . ISBN 9789833718535 , pp.155-166

**2007** [Promoting knowledge cities agenda through institutionalization of spatial planning and decision support system in Malaysia.](#) In: **Knowledge cities: future of cities in the knowledge economy** Scholar Press . ISBN 9789833813179 , pp.44-55

**2004** ["I-SPACE" - university's assets and facilities management support system.](#) In: **Applications of Planning and Decision Support Systems** Bureau of Consultancy and Entrepreneurship, International Islamic University Malaysia . ISBN 9834087268 , pp.71-84