

NOR AIZAM BINTI ADNAN (Assoc. Prof., Dr)
Senior Lecturer, Principal of Melati Residential College

Centre of Studies for Surveying Science and Geomatics
Faculty of Architecture, Planning and Surveying
Universiti Teknologi MARA,
40450 Shah Alam,
Selangor, Malaysia.

Applied Remote Sensing and Geospatial Research Group
Research Nexus UiTM (ReNeU): Energy & Environment

+603-5544 4520 / +6017-320 1163
nor_aizam@uitm.edu.my



Areas of Expertise

Remote sensing, GIS analysis, hydrologic-hydraulics geospatial modelling, agriculture and environmental geospatial applications, marine mapping and analysis.

<https://expert.uitm.edu.my/profile.php?id=Or+7A1CYOHawSMKGwyOAvR31KQ2rZfADfIYZYYRhMxk=>

<https://www.scopus.com/authid/detail.uri?authorId=37090308000>

https://www.researchgate.net/profile/Nor_Adnan

<https://uitm.pure.elsevier.com/en/persons/nor-aizam-adnan>

https://www.researchgate.net/profile/Nor_Adnan

Personal Information

Nor Aizam Binti Adnan

Centre of Surveying Science and Geomatics

Applied Remote Sensing and Geospatial Research Group

Academic Qualifications

PhD in Geography (GIS Environmental Modelling), 2011, University of Southampton, UNITED KINGDOM
MSc. (GIS & Remote Sensing), 2002, University of Putra, MALAYSIA

B.A (Honours) (Geography: GIS & Remote Sensing), 2000, University of Malaya, MALAYSIA

Teaching and Learning

1. Degree, October 2020, Remote Sensing, Laboratory
2. Degree, March 2020, Remote Sensing, Laboratory
3. Master, October 2020, Remote Sensing Application, Lecture
4. Master, March 2020, Remote Sensing Application, Lecture
5. Degree, October 2020, Marine Resource Management, Lecture & Laboratory
6. Degree, March 2020, Marine Resource Management, Lecture & Laboratory
7. Master, Mac 2018, GIS for Environmental Management, Lecture
8. Master, Mac 2018, Environmental Spatial Modeling, Lecture

Student Supervision

PhD Supervision (Research)

1. Mohamad Haris Bin Abd Azis, 2020255012, Multiple Driven Factors Of Efficiently Assessment Of Solid Waste Bin Point Collection With The Aid Of Geospatial Approaches, PhD by research, Main supervisor, On-going.
2. Mohd Sharul Aikal Bin Baharim, 2020414966, Multi-Sensor Assessment of Oil Palm Tree Condition in Evaluating BSR Severity Index, PhD by research, Main supervisor, On-going.
3. Syaza Binti Rozali, 2015163845, Tropical Rainforest Carbon Sink and Biomass Estimates with Integration of Multi-Source Remote Sensing Data Fusion, PhD by research, Co-supervisor, On-going.
4. Suhaila Binti Hashim, 2012664958, Flood Modelling of Kedah River Basin, PhD by research, Co-supervisor, On-going.
5. Noraisyah Bt Tajudin, 2017284122, Modelling Of Rainfall-Landslide Potential Mapping Using GIS & Remote Sensing For Detection & Monitoring Landslide In Ulu Kelang, Selangor, PhD by research, Co-supervisor, On-going.
6. Nursyairah Binti Arshad, 2019799855, Environmental Monitoring Of Naturally Occurring Radioactive Materials (Norms) And Heavy Metals At Royal Belum Rainforest, Malaysia Using Artificial Neural Network (ANN) And Geographic Information System (GIS) Approaches, PhD by research, Co-supervisor, On-going.

MSc. Thesis Supervision (Research)

1. Ahmad Zulfadli Bin Ahmad Mazuvil, 2018820792, Accuracy Enhancement for Land Use /Land Cover Classification Using LiDAR, IFSAR and SENTINEL 2 in Klang River, Selangor. MSc. by research, Main supervisor, On-going
2. 2017826704, Ahmad Taufiq Hosni, Aboveground Biomass Estimation for Urban Forest Management using Remote Sensing, MSc. by research, Co-supervisor, On-going
3. Noor Syafiqah Binti Che Omar, 2012169177, Land Use Forecasting Impact to Hydrological Responses in Monsoon Catchment Area, MSc. by research, Main supervisor, Completed
4. Nik Dahlia Binti Nik Abd Kadir, 2014628702, Analyses Education Performance In Kelantan Using Geospatial PDF Map, MSc. by research, Main supervisor, Completed
5. Hasliana Binti Kamaruddin, 20143132, Spatio-Temporal Variability of Soil Nutrients Site Nutrient Management Specific In Paddy Areas. MSc. by research, Main supervisor, Completed

6. Nur Adilla Binti Nordin, 2015561405, Dry Zones Mapping using Remote Sensing and GIS, MSc. by research, Co-supervisor, On-going

MSc. Dissertation Supervision (Coursework)

1. Haslinda Bt Abd Rahman, 2020319195, Rubber Plantation Mapping From Multi Temporal Analysis of Different Satellite Image, Main supervisor, On-going.
2. Azrina Binti Zolkifli, 2019694656, Comparison of Object-Based Image Analysis Approaches to Mapping Building and Linear Features in Kuala Terengganu, Terengganu Using High Resolution WorldView Satellite Imagery, Main supervisor, On-going.
3. Ainyyafiatty Binti Arifin, 2019631702, Detection of Geological Lineaments with Different Sensors of Remote Sensing Techniques, Main supervisor, Completed.
4. 2018651362 - Fairuz Maizan Binti Sazeli, Oil Palm Tree Detection Analysis, Main supervisor, Completed.
5. 2017316889 - Nik Nur Izzatie Binti Abdul Hadi, Land Use Change Impact To Flood Runoff Using Hydraulics Modelling, Main supervisor, Completed.
6. 2019366277 - Haris Bin Abdul Rahim, Beach Erosion And Wave Relationship Analysis, Main supervisor, Completed.
7. 2018429902 - Muhammad Hazim Bin Hazairin, Analysis of drug addict and crime index, Main supervisor, Completed.

Degree Thesis Supervision

1. Normaisurah Binti Samsuddin, 2017643118 - Flood Monitoring And Management Using Remote Sensing, Main supervisor, On-going.
2. Angelynna Lovelyn A/K Laurence, 2017703605, Identification of Ganoderma Basal Stem Rot Disease in Oil Palm Using Remote Sensing Technique, Main supervisor, On-going.
3. Luqman Hakim Bin Mohd Kamal, 2017702593, Evaluation Of Different Impervious Surface Effect On Urban Heat Island In Kuala Lumpur City, Main supervisor, On-going.
4. Nurul Atiqah Binti Suhaime, 2016734905, Impact of Coastal Reclamation on Wetlands, Shoreline and Water Quality At Melaka State, Main supervisor, On-going.
5. Noorsyamimie Anies Binti Sukree, 2017699966, The Impact Of Coastal Reclamation Activity On Butterworth Area, Pulau Pinang, Malaysia Using Remotes Sensing Techniqu, Main supervisor, On-going.
6. Siti Zulaikha Binti Norizan, 2017643132, Correlation of Water Quality and Industrial Development in Selangor, Main supervisor, On-going.
7. 2016656484 - Umi Damia Binti Uyub, Groundwater potential mapping in Kelantan using AHP Method, Main supervisor, Completed
8. 2016490596 - Nurul Farhana Binti Hanapi, Oil palm tree condition assessment using remote sensing data, Main supervisor, Completed
9. 2016669198 - Zarith 'Aqilah Binti Mahadzir, Crime occurrence analysis according to gated and non gated community residential for Subang Jaya area, Main supervisor, Completed
10. 2017800056 - Raihan Maisara Binti Ahmad Izdihar, Assessment of Phytoplankton and sea surface temperature based on temporal remotely sensed data analysis, Main supervisor, Completed

11. 2017800048 - Farah Qistina Binti Shahibul Fadilah, Geospatial Analysis Of Coastline Erosion Along Langkawi, Main supervisor, Completed
12. 2016490754 - Nur Ashmaliena Binti Abdul Aziz, Prediction of future land use development through geospatial analysis, Main supervisor, Completed
13. 2016208844 - Siti Maisharah Binti Malek, Hot spot Drug Addict Geospatial Analysis, Main supervisor, Completed
14. 2015218388 - Najihah Binti Ahmad, Cocoa mapping using geospatial analysis, Main supervisor, Completed
15. 2016490734 - Muhamad Azri Bin Mohd Sidek, Geospatial Relationship assessment analysis between coastal slope and erosion rate along Kuala Terengganu coastline, Main supervisor, Completed
16. 2016208846 - Siti Nurul Atikah Binti Nor Azmi, Cocoa maturity color index assessment, Main supervisor, Completed

Publications

1. Syaza Rozali, Zulkiflee Abd Latif, **Nor Aizam Adnan**, Yousif Hussin, Alan Blackburn, Biswajeet Pradhan. 2020. Estimating feature extraction changes of Berkelah Forest, Malaysia from multisensor remote sensing data using an object-based technique. Geocarto International, 1-15. **(Q1)**.
2. H Hashim, **NA Adnan**, SF Shamsulkamar, CY Fook, WMNW Mohd, 2020. Comparison of the distribution maps for drug addict hotspot in Selangor using different spatial analysis tools, Geografia-Malaysian Journal of Society and Space 16 (3).
3. Tajudin, Noraisyah; Ya'acob, Norsuzila; Ali, Darmawaty Mohd; **Adnan, Nor Aizam**. 2020. Estimation of TRMM rainfall for landslide occurrences based on rainfall threshold analysis.. International Journal of Electrical & Computer Engineering (2088-8708), June 2020, Vol. 10 Issue 3, Part 2, p3210-3217. 8p **(Q2)**.
4. Hosni, Ahmad Taufiq; Teriman, Suharto; **Adnan, Nor Aizam**; Kamar, Muhamad Asri Abdullah. 2020. Time Series Analysis of Land Cover Using Remote Sensing Technology, Journal of Computational and Theoretical Nanoscience, Volume 17, Number 2-3, February 2020, pp. 902-910(9). **(Q4)**
5. Karagama Kolo, Nor Aizam Adnan, Baba Alhaji Umar.2020. Analysis of Land Use Land Cover Changes Using Remote Sensing Data and Geographical Information Systems (GIS) at an Urban Set up of Damaturu, Nigeria. Journal of Science and Technology 12 (2). Pp. 24-37.
6. KK Geidam, NA Adnan, BA Abatcha, MM Grandawa. 2020. An analysis of urban sprawl trend using remote sensing data and GIS techniques in Damaturu town, Nigeria.. Social Science Learning Education Journal 5 (06), 194-206
7. Temporal Geospatial Assessment of Cocoa Pollinator, *Forcipomyia* in Cocoa Plantation Area. Saripah Bakar, Nor Aizam Adnan, Ummu Syaira Ain Redzuwan. Serangga 24 (1)(2019), pp. 159-172. **(Q4)**
8. Haslina Hashim, Zulkiflee Abd Latif, **Nor Aizam Adnan**. 2019. Land use land cover analysis with a pixel-based classification approach.. Indonesian Journal of Electrical Engineering and Computer Science 16 (3) (2019). DOI: <http://doi.org/10.11591/ijeecs.v16.i3.pp%25p> **(Q3)**
9. **Nor Aizam Adnan** and Peter M. Atkinson. 2018. Disentangling the Effects of Long-Term Changes in Precipitation and Land Use on Hydrological Response in a Monsoonal Catchment. Journal of Flood Risk Management. February 2018 (DOI: 10.1111/jfr3.12294)**(Q1)**
10. Shattri Mansor, Nader Saadatkhah, Zailani Khuzaimah, Arnis Asmat, **Nor Aizam Adnan**, Siti Noradzah Adam Regional modelling of rainfall-induced runoff using hydrological model by

- incorporating plant cover effects: A case study in Kelantan, Malaysia. 2018. Journal of Natural Hazards 93: 739. <https://doi.org/10.1007/s11069-018-3322-z> (September 2018) **(Q2)**.
11. Chan Yuen Fook, Nor Aizam Adnan. 2018. Using a Geographical Information System to Identify High-Risk Areas of Substance Abuse in Malaysia. Jurnal Antidadah Malaysia 2018.
 12. Nur Adilla Nordin, Zaharah Mohd Yusoff, Nor Aizam Adnan, Ainon Nisa Othman. 2018. Urban Built-up Effects to Land Surface Temperature. Journal Of Mechanics Of Continua And Mathematical Sciences. Special Issue-1, March (2019) pp 745-754
 13. **Nor Aizam Adnan**, Saripah Bakar, Adam Harith Mazlan, Zaharah Mohd Yusoff, Abdul Rauf Abdul Rasam. 2018. Comparative study of cocoa black ants temporal population distribution utilizing geospatial analysis, IOP Conference Series: Earth And Environmental Science, IOP Publishing Ltd, pp.1-10, vol: 117(012041).
 14. **Nor Aizam Adnan**, Noorazwani Mohd; Yusoff, Zaharah Mohd; Latif, Zulkiflee Abd.Spatial Temporal Estimation and Anlysis of Carbon Sequestration. Journal of Advance Science Letters, Volume 23, Number 7, July 2017 **(Q2)**.
 15. Yusoff, Zaharah Mohd; Shamin, Faez; Arif, Hafiz; **Adnan, Nor Aizam**, Nordin, Nur Adilla. School Location and Mobility Effects to Obesity Cases among Primary School Children. Journal of Advance Science Letters, Volume 23, Number 7, July 2017 **(Q2)**
 16. L. Hadi, W. M. Naim, **Nor Aizam Adnan**, A. Nisa, and E. S. Said GIS Based Multi-Criteria Decision Making for Flood Vulnerability Index,. Journal of Telecommunication, Electronic and Computer Engineering (JTEC), Volume 9, N0 1-2: Advancing Digital Societies for Social and Cultural Improvement, 2017 **(Q4)**.
 17. H Kamarudin, **N A Adnan**, M R Mispan, A,Athirah.A, 2016. Spatial Variability of Soil Nutrient in Paddy Plantation: Sites FELCRA Seberang Perak. Volume 37(2016) 012047. IOP Conference Series: Earth and Environmental Science.
 18. ND Nik Abd Kadir and **NA Adnan**, 2016. Temporal Geospatial Analysis of Secondary School Students Exaination Performance. Volume 37(2016) 012047. IOP Conference Series: Earth and Environmental Science.
 19. **Nor Aizam Adnan**, 2015. Flooding Changes Analysis Based On Regional Climate Change Scenarios For The Kelantan River Basin. Malaysian Journal of Remote Sensing & GIS, Volume 4 (2) pp. 144-154.
 20. Siti Aekbal Salleh, Nurhanis Syazlia Hasshim, **Nor Aizam Adnan**. 2015. Comparative Studies of Remotely Sensed Coastline Mapping Techniques. Built Environment Journal, Volume 12 (1), 18-25.
 21. **Nor Aizam Adnan**, Wardah Binti Tahir, Zuraini Basarudin, 2014. Event-based Rainfall-runoff Modelling Of The Kelantan River Basin, IOP Conference Series: Earth And Environmental Science, IOP Publishing Ltd, pp.1-6, vol : 18.
 22. Juazer Rizal B Abdul Hamid, **Nor Aizam Adnan**, Muhamad Bin Haji Jaafar, Nurhidayah Hassan. 2014. "Delineation Of Wetland Areas From High Resolution Worldview-2 Data By Object-based Method", IOP Conference Series: Earth And Environmental Science, IOP Publishing Ltd , pp. 1-6, vol : 18
 23. **Nor Aizam Adnan**, Zuraini Basarudin. 2014. The Semi-distributed of Hydrological Modeling in Monsoonal Catchment via Geospatial Approaches, International Journal Of Multidisciplinary Thought, UniversityPublications.net, pp. 393-401, vol : 4.
 24. Land Use Sensitivity Map for Impact of Land Management on Extreme Flood Events at the Northeast Coast of Peninsular (Malaysia). Nader Saadatkhah, Jafar Rahnamarad, Shattri Mansor, Zailani Khuzaimah, Arnis Asmat, Nor Aizam Adnan, Siti Noradzah Adam. Recent Advances in Geo-Environmental Engineering, Geomechanics and Geotechnics, and Geohazards. Springer Publication.

25. Suhaila Hashim, Wan Mohd Naim Wan Mohd, Nor Aizam Adnan, Eran Sadek Said Md Sadek. 2016. Evaluation Of Vertical Accuracy Of Airborne IFSAR And Open-source Digital Elevation Models (DEMs) For Flood Inundation Mapping. Regional Conference on Science, Technology and Social Sciences (RCSTSS 2014): Science and Technology. Springer Publication.
26. Adnan N.A., Ariffin S.D.S., Asmat A., Mansor S. (2016) Rainfall Trend Analysis and Geospatial Mapping of the Kelantan River Basin. In: Tahir W., Abu Bakar P., Wahid M., Mohd Nasir S., Lee W. (eds) ISFRAM 2015. Springer, Singapore.
27. Asmat A., Mansor S., Saadatkah N., Adnan N.A., Khuzaimah Z. (2016) Land Use Change Effects on Extreme Flood in the Kelantan Basin Using Hydrological Model. In: Tahir W., Abu Bakar P., Wahid M., Mohd Nasir S., Lee W. (eds) ISFRAM 2015. Springer, Singapore.
28. Yuen Fook, **Nor Aizam Adnan**. 2018. Identifying Hot Spot Areas of Substance Abuse with Geographical Information System in Malaysia: A Case Study. The 6th 2018 International Conference on Management and Technology in Knowledge, Service, Tourism & Hospitality (SERVE 2018). 15-16 December 2018. Bali, Indonesia.
29. **Nor Aizam Adnan**, Fatin Farzana Abdilah, Fazly Amri Mohd, Khairul Nizam Maulud, Zulkiflee Abd. 2018. Coastal Vulnerability Index (CVI) Mapping in the West Coast of Langkawi. Latif. IEEE Workshop on Geoscience and Remote Sensing 2018. 31 October 2018, UiTM Shah Alam, Selangor.
30. Mardalina Yahaya, Dr. Ainon Nisa Othman, **Nor Aizam Adnan**, Siti Aekbal Salleh. 2018. Landslide Susceptibility Hazard Study in Ulu Kelang by Method: Probabilistic & Artificial Neural Network. IEEE Workshop on Geoscience and Remote Sensing 2018. 31 October 2018, UiTM Shah Alam, Selangor.
31. Syaza Rozali, Zulkiflee Abd Latif, **Nor Aizam Adnan**. 2018. Assessing Quality of Derived Terrain and Tree Height Model Using Full-Waveform Lidar Remote Sensing and UAV-Based Aerial Imagery in Tropical Rainforest. IEEE Workshop on Geoscience and Remote Sensing 2018. 31 October 2018, UiTM Shah Alam, Selangor.
32. Haslina Hashim, Zulkiflee Abd Latif, **Nor Aizam Adnan**. 2018. Classification of Urban Vegetation Using NDVI Threshold Method with Very High Resolution (VHR) Pleiades Imagery. IEEE Workshop on Geoscience and Remote Sensing 2018. 31 October 2018, UiTM Shah Alam, Selangor.
33. Norasyikin Mehat, **Nor Aizam Adnan**. 2018. Flood Inundation Mapping Using GIS and HEC-RAS. The 39th Asian Conference on Remote Sensing. 15 – 19 October 2018. Renaissance Kuala Lumpur Hotel, Kuala Lumpur.
34. Haslina Hashim, Zulkiflee Abd Latif, **Nor Aizam Adnan**. 2018. Urban Vegetation Mapping Through Pixel Based Image Analysis of Multispectral Pleiades Imagery. The 39th Asian Conference on Remote Sensing. 15 – 19 October 2018. Renaissance Kuala Lumpur Hotel, Kuala Lumpur.
35. **Nor Aizam, A.**, Saripah, B. & Adam Harith, M. (2018). Geo-Holistic Cocoa Precision Management. International Invention & Innovative Competition (InIIC Series 2/2018), Langkawi, Kedah, 20th October 2018.
36. **Nor Aizam, A.**, Saripah, B., & Adam Harith, M. 2018. Intra-species space competition in the cocoa ecosystem: Invader ants' geovisualisation. International Conference of Sustainable Agriculture (ICSA), Sandakan, Sabah, 20-21st September 2018.
37. Yuen Fook, **Nor Aizam Adnan**. 2018. Identifying Parameters for the Development of Geographical Information System for Substance Abuse Prevention in Penang 3rd International Conference on Information in Business and Technology Management from 17 – 19 July 2018 in Melaka, Malaysia.

38. Saripah, B., **Nor Aizam**, and Haya, R. 2018. Statistical-Geovisualization Fusion: For A Holistic-Cocoa Precision Management. 4th International Innovation, Design and Articulation (i-DeA 2018), 24 – 26 April 2018, UiTM Perlis.
39. Saripah, B., **Nor Aizam**, A., & Ummu Syira-Ain, R. 2018. Pollinator Assemblage: Temporal Geospatially Assessment of Forcipomyia in Cocoa Ecosystem. Paper presented at the 3rd International Symposium on Insects (ISoI 2018), Langkawi, Kedah, 19th – 21st March 2018.
40. Saripah, B. & **Nor Aizam**, A. 2018. Intra-Species Space Competition in Cocoa Ecosystem: Invader Ants Geovisualisation. Paper presented at the International Invention, Innovation and Technology Design Competition (ITeC 218), Rembau, Negeri Sembilan, 26-27 February 2018.
41. **Nor Aizam**, A., Saripah, B. & Alias, A. 2018. Cocoa Maturity Colors Kit (Co-MACK) Derivation Using Digital Image Processing Approach. Paper presented at the 5th International Congress on Technology Engineering & Science (ICONTES), Kuala Lumpur, 1-2 February 2018.
42. **Nor Aizam Adnan**, Saripah Bakar, A H Mazlan, Abdul Rauf Abdul Rasam, Zaharah Mohd Yusoff. 2018. Comparative study of cocoa black ants temporal population distribution utilizing geospatial analysis, February 2018 IOP Conference Series Earth and Environmental Science 117(1):012041 DOI: 10.1088/1755-1315/117/1/012041
43. Iham Abd Jalil , Abdul Rauf Abdul Rasam, **Nor Aizam Adnan**, Ahmad Norhisyam, Noraain Mohamed Saraf. Geospatial network analysis for healthcare facilities accessibility in semi-urban areas. 2018. 2018 IEEE 14th International Colloquium on Signal Processing & Its Applications (CSPA). Pp. 255-260 DOI: 10.1109/CSPA.2018.8368722. Publication date: 2018/3/9.
44. Noraisyah Tajudin, Norsuzila Ya'acob, Darmawaty Mohd Ali, **Nor Aizam Adnan**, Nani Fadzlina Naim, Rainfall–landslide potential mapping using remote sensing and GIS at Ulu Kelang, Selangor, Malaysia. 2018. IOP Conference Series: Earth and Environmental Science 169 (1), 012080.
45. **Nor Aizam Adnan**, Saripah Bakar, Adam Harith Mazlan, Zaharah Mohd Yusoff, Abdul Rauf Abdul Rasam. 2017. Comparative Study of Cocoa Black Ants Temporal Population Distribution Utilizing Geospatial Analysis. 3rd International Conference on Research Methodology for Built Environment and Engineering (ICRMEE 2017). 8th – 9th Nov. 2017, Best Western Hotel I-City, Shah Alam, Selangor.
46. **Nor Aizam Adnan**, *Noorazwani Mohd Razi, Zaharah Mohd Yusoff, Zulkiflee Abd Latif*. 2016. Spatial Temporal Estimation and Analysis of Carbon Sequestration. International Conference on Architecture and Built Environment (ICABE 2016) International Islamic University Malaysia (IIUM) Kuala Lumpur Malaysia. 05- 06 Oct. 2016.
47. S Hashim, WMNW Mohd, **Nor Aizam Adnan**, ESSM Sadek. 2016. Evaluation of Vertical Accuracy of Airborne IFSAR and Open-Source Digital Elevation Models (DEMs) for Flood Inundation Mapping. Regional Conference on Science, Technology and Social Sciences (RCSTSS 2014). Science and Technology Part XI, Chapter 58: pp 575-584, Springer Publication
48. Arnis Binti Asmat (dr), **Nor Aizam Binti Adnan** (dr), Nader Saadatkah ; Shattri Mansor ; Zailani Khuzaimah ; Arnis Asmat. 2016. "Impact of land cover change on the environmental hydrology characteristics in Kelantan river basin, Malaysia", International Society for Optics and Photonics, San Diego, California, United States
49. Hasliana.K, **N. Aizam.A**, M.Radzali.M, A. Athirah.A, Norfarhah.A.R. 2016. Spatial and Temporal Variability of Macronutrients at Two Conventionally Paddy Cultivation. The 33rd International Geographical Congress, Beijing, China on August 21-25, 2016
50. ND Nik Abd Kadir and **Nor Aizam Adnan**. 2016. Geospatial Analysis and Geospatial PDF Visualisation of School Students' Performance. The 33rd International Geographical Congress, Beijing, China on August 21-25, 2016

51. Liyana Abdul Hadi, Wan Mohd Naim, **Nor Aizam Adnan**, Ainon Nisa and Eran Sadek Said. 2016. GIS-Based Multi-Criteria Decision Making for Flood Vulnerability Index Assessment
52. **Nor Aizam Adnan**, Sharifah Diyana Syed Ariffin Arnis Asmat Shattri Mansor. 2015. Rainfall Trend Analysis and Geospatial Mapping of the Kelantan River Basin. 2nd International Symposium on Flood Research and Management (ISFRAM 2015). 05-06 October 2015, Bluewave Hotel, Shah Alam, Malaysia.
53. **Nor Aizam Adnan**, Nur Fatin Fakhira Noralam, Siti Aekbal Salleh, Zulkiflee Abd Latif. 2015. Utilizing Landsat imageries for Land Surface Temperature (LST) analysis of the Penang Island. 2015 International Conference on Space Science and Communication (IconSpace2015), 10-12 Aug. 2015, Langkawi, Malaysia. DOI: 10.1109/IconSpace.2015.7283786.
54. **Nor Aizam Adnan**. 2015. Regional Climate Change Impacts Scenarios Analysis on Flooding in the River Kelantan Basin. ASEAN Forum on ICT for Sustainable Rural Development and Knowledge Cross-Fertilisation (Kuala Lumpur, Malaysia, 24-27 May 2015).
55. Arnis Asmat , Shattri Mansor, Nader Sadatkah , **Nor Aizam Adnan**. 2015. Land Use Changes Effects on Extreme Flood in the Kelantan River Basin Using Hydrological Model. 2nd International Symposium on Flood Research and Management (ISFRAM 2015). 05-06 October 2015, Bluewave Hotel, Shah Alam, Malaysia.
56. Zulkiflee Abd Latif, Hud Mohamad Zaqwan, Mohamed Saufi, **Nor Aizam Adnan**, Hamdan Omar. 2015. Deforestation and carbon loss estimation at tropical forest using multispectral remote sensing: Case study of Besul Tambahan Permanent Forest Reserve. 2015 International Conference on Space Science and Communication (IconSpace2015), 10-12 Aug. 2015, Langkawi, Malaysia. 10.1109/IconSpace.2015.7283797.
57. Hasliana Kamaruddin, Muhamad Radzali Mispan, **Nor Aizam Adnan**. 2015. Land Capability and Soil-Crop Suitability for Agriculture use in Kedah using GIS. International SWAT-Asia Conference IV (SWAT-Asia IV), 19-23 October, Tsukuba, Japan.
58. **Adnan, N.A.**; Atkinson, P.M., Climate Variability and Anthropogenic Impacts on a Semi-Distributed Monsoon Catchment Runoff Simulations," *Signal Processing and its Applications (CSPA), 2012 IEEE 8th International Colloquium on*, vol., no., pp.188-193, 07-09 March 2014.
59. **Nor Aizam Adnan**, Noor Syafiqah Che Omar and Haris Freddy Ismail. Utilizing What-if? 2.0 GIS Planning Support System for Future Potential Land Use Development Area Simulations, 2014 IEEE 10th International Colloquium on Signal Processing & its Applications (CSPA2014), 7 - 9 Mac. 2014, Kuala Lumpur, Malaysia (pp. 199 -204). ISBN: 978-1-4799-3090-6
60. **Nor Aizam Adnan**, Zuraini Basarudin, Noorsyafiqah Che Omar. 2014. Variation in Hydrological Responses Estimation Simulations due to Land Use Changes, International Conference on Civil, Biological and Environmental Engineering (CBEE-2014) May 27-28, 2014 Istanbul (Turkey)(pp. 11 - 15).
61. *Norhanini Mamat, Abdul Rauf Abdul Rasam, **Nor Aizam Adnan** and Ishak Che Abdullah*, 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), 7 - 9 Mac. 2014, Kuala Lumpur, Malaysia (pp. 70 – 75).

62. Zuraini *Basarudin*, and **Nor Aizam Adnan**, Impervious Surface Detection and Mapping via Digital Remotely Sensed Techniques, International Conference on Civil, Biological and Environmental Engineering (CBEE-2014) May 27-28, 2014 Istanbul (Turkey)(pp. 16 -20).
63. **Nor Aizam Adnan**, Zulfadhli Ainul Hakim Zulkarnain, Ernieza Suhana Mokhtar, Zaharah Mohd Yusoff. Flood Inundation Estimation And Inventory Of Sungai Muda Kedah Floodplain, Malaysia, Arte-Polis 5 Intl Conference – Reflections on Creativity: Public Engagement and the Making of Place, 8-9 August 2014, Institute Technology Bandung (ITB) in Bandung, Indonesia
64. Noor Syafiqah Che Omar, **Nor Aizam Adnan**, Zaharah Mohd Yusoff, Haris Freddy Ismail. Simulating WHAT-IF? The scenario for Land Development Projections in Kelantan, Malaysia, Arte-Polis 5 Intl Conference – Reflections on Creativity: Public Engagement and the Making of Place, 8-9 August 2014, Institute Technology Bandung (ITB) in Bandung, Indonesia.
65. Zaharah Mohd Yusoff, **Nor Aizam Adnan** & Rauf Abd. Rasam. [H+T] Affordability Index for Low-Cost Housing Location-Distribution Procedure, Arte-Polis 5 Intl Conference – Reflections on Creativity: Public Engagement and the Making of Place, 8-9 August 2014, Institute Technology Bandung (ITB) in Bandung, Indonesia.
66. Fazzami Othma , Zaharah M. Yusoff, Eran Sadek Said M.Sadek, **Nor Aizam Adnan**. GIS-Based Measures of Burglary and Connectivity to Housing Layout, 7th International Real Estate Research Symposium (IRERS 2014), 29 – 30 April 2014, National Institute of Valuation (INSPEN), Valuation & Property Services Department, Ministry of Finance, Malaysia.
67. Suhaila Hashim, Wan Mohd Naim Wan Mohd' Eran Sadek Said Md Sadek and **Nor Aizam Adnan** Evaluation of Vertical Accuracy of Airborne IFSAR and Open Source Digital Elevation Models (DEMs) for Flood Inundation Mapping, , Regional Conference on Sciences, Technology and Social Sciences (RCSTSS 2014), 23 – 25 November 2014, Cameron Highlands, Pahang, Malaysia.
68. Zaharah Mohd Yusoff, Dasimah Omar, **Nor Aizam Adnan**, Fazzami Othman. Income and Limits of Low-income Earner in the City: Quantifying the Transportation Affordability, **Tokyo International Conference on Social Sciences 17-19 December 2014, Tokyo, Japan.**
69. **Adnan, N.A.**; Atkinson, P.M., "Remote sensing of river bathymetry for use in hydraulic model prediction of flood inundation," *Signal Processing and its Applications (CSPA), 2012 IEEE 8th International Colloquium on*, vol., no., pp.159-163, 23-25 March 2012. doi: 10.1109/CSPA.2012.6194710.
70. Noor Syafiqah Che Omar, **Nor Aizam Adnan**, 2013. Land use forecasting impact to hydrological response in a monsoon catchment, Seminar on Advanced Active Remote Sensing (SAARS 2013) 11 – 13 June, 2013, Universiti Teknologi Malaysia (UTM), Kuala Lumpur.
71. Zuraini Basarudin, **Nor Aizam Adnan**, 2013. Hydrological Modelling for Rainfall Events at the Kelantan River Basin, International Symposium on Digital Earth 2013 (ISDE 2013) 26 – 29 August, 2013, Kuching, Sarawak.
72. Zuraini Basarudin, **Nor Aizam Adnan**, 2013. The semi-distributed hydrological modeling via geospatial approaches. Anglo-American Conference for Academic Disciplines, 5-8 November 2013, University of London Union, UK.
73. **Adnan NA**, Atkinson PM, Yusoff ZM. 2011. Integration of GIS and hydrological modeling for a monsoon catchment: Past and current runoff simulations. International Symposium on Geoinformation (ISG2011) 27 – 29 September 2011, SACC Convec., Shah Alam, Selangor, Malaysia.

74. **Adnan NA**, Atkinson PM, 2009. Exploring the causes of increasing streamflow trends in a monsoon catchment. International Symposium on Geoinformation (ISG2009) 10 – 11 August 2009, Kuala Lumpur. Malaysia.
75. **Adnan NA**, Atkinson PM. 2008. Hydrometeorological Trend Analysis in a Monsoon Catchment. European Conference on Applied Climatology (ECAC) 29 September – 03 October 2008, Amsterdam, The Netherlands.
76. **Adnan NA**, Yusoff ZM. 2006. Geo-spatial Approach for Incinerator Site Suitability Study in Semenyih. Colloquium On Signal Processing and Its Applications (CSPA 2006), Malaysia.
77. **Adnan NA**, Janin Z, Ghafar NF. 2006. Utilizing Neural Network in Oil Palm Yield Prediction. Proceedings of The International Symposium & Exhibition on Geoinformation 2006, Malaysia.
78. **Adnan NA**, Yusoff ZM and Salim PM. 2005. GIS technique for incinerator site suitability study. Technical Report. Institute of Research, Development, and Commercialization, Universiti Teknologi MARA. Malaysia.
79. Rashid S, **Adnan NA**, Shattri M, Rohaya H, Roop G. 2004. Correlation Between Oil Content and DN Values, Department of Biological and Agriculture, Conference of Map Asia, India. www.GISdevelopment.net
80. Janin Z, **Adnan NA**, Saman A. 2004. Carotene Content Of Oil Palm Fruit Using Artificial Neural Network And Linear Regression Analysis. Signal Processing, Automation & Control (CSPA) 2004, Malaysia.
81. Janin Z, **Adnan NA**. 2004. MATLAB Approach Oil Content Estimation of Oil Palm Fruit, In proceedings of National Conference on Signal Processing, Automation and Control (CONSPAC 2004), Malaysia.

Research Grants and Contracts

1. Evaluation Of Beach Morphology And Coastal Erosion Categorization Through Geospatial Analysis Case Study Of Pulau Tuba Langkawi, Lestari SDG, RM20,000, Principal Investigator. On-going. 2020
2. Geospatial Relationship Analysis Of Cocoa Pod Characteristics And Ripening Stages, RM32,000, Principal Investigator. Completed. 2018
3. Quantifying Land Use Changes And Climate Variability Impacts On The Hydrological Response Of The River Kelantan Catchment, RM69100, Mosti Sciencefund Grant, Principal Investigator. Completed. 2016.
4. Tree Density Assessment for Tropical Forest Aboveground Biomass And Carbon Stock Using Quantitative Structure Model (Qsm) And Laser Scanning Approach. RM87, 500, FRGS. Co-Researcher. On-Going. 2020.
5. Windstorm Hazards Index Integrated With Location-Based Data Analytics For City Dwellers, RM102,000, FRGS. Co- Researcher. On-Going. 2020
6. Modelling Of Rainfall- Landslide Detection And Monitoring Mapping Using Gis And High Resolution Satellite Remote Sensing Imagery, RM69,500, FRGS, Co- Researcher. On-Going. 2020
7. Kajian Impak 20 Tahun Uitm, RM150,000, BESTARI , Co- Researcher. Completed

8. Pemetaan Geolinguistik Bahasa-Bahasa Etnik Minoriti Di Sabah Dalam Kelangsungan Identiti Kebangsaan, RM30,000, LESTARI, Co- Researcher. On-Going. 2020
9. Developing Geographical Information System To Identify High-Risk Areas Of Substance Abuse, RM80,000, Geran Penyelidikan Ilmiah AADK, Co- Researcher. Completed. 2018.
10. Transportation Affordability Of Lower-Income Earner Using Collaborative Geospatial Techniques In Southwest Region Peninsular Malaysia, RM91,300, MOSTI Sciencefund, Co- Researcher. Completed. 2016.
11. Nutrient Anomalies As An Earthquake Precursor Using Coastal Upwelling Model, RM50,000, BESTARI, Co- Researcher. Completed. 2018.
12. Tropical Rainforest Carbon Sinks and Biomass Estimates With Integration Of Multi-Source Remote Sensing Data Fusion, RM 70,000, FRGS, Co- Researcher. Completed. 2018.
13. Spatio-Temporal Sensitivity Map For Impact Of Land Management On Extreme Floods, RM30,000, TRGS, Co- Researcher. Completed. 2016.
14. A New Holistic Service Oriented Model For Wireless And Sustainable Flood Management: From Monitoring To Emergency Response, RM 4,000,000, LRGS. Co- Researcher. Completed. 2016.

Consultation & Expertise

1. Kursus Geographic Information System (GIS) Dan Remote Sensing Di Bawah Program Kursus Iwam. Wan Mohd Naim B Wan Mohd (dr.) Dr. Eran Sadek Said Bin Md Sadek, Profesor Madya Dr Nor Aizam Binti Adnan, Dr. Ainon Nisa Binti Othman, Profesor Madya Dr Siti Aekbal Binti Salleh, Dr. Khairul Nizam Bin Tahar, Maisarah Binti Abdul Halim, (3) 2016 - 2016 (4) Member (5) Training (6) Rm 10,000.00
2. Developing GIS To Identify High Risk Areas Of Substance Abuse. Chan Yuen Fook (Dr) (2) Profesor Madya Dr Nor Aizam Binti Adnan, (3) 2017 - 2018 (4) Member (5) Contract Research (6) Rm 80,000.00
3. Kajian Inventori Dan Potensi Pembangunan Badan Air (Bekas Lombong Dan Tasik/Paya) Negeri Selangor. Dasimah Bt Haji Omar (Hajah)(Prof. Dr.) Othman Bin Mohd Yusof, Profesor Madya Dr Zaharah Binti Mohd Yusoff, Profesor Madya Dr Nor Aizam Binti Adnan, Dr. Saiful Aman Bin Hj Sulaiman, (3) 2016 - 2016 (4) Member (5) Contract Research (6) Rm 400,000.00
4. Remote Sensing Short Course. Khairul Nizam Bin Tahar (Dr.) (2) Profesor Madya Dr Nor Aizam Binti Adnan, (3) 2015 - 2015 (4) Member (5) Training (6) Rm 6,400.00

Innovation, Commercialization & Entrepreneurial

1. The **5th Place Winner** at Sustainability Challenge organized by Yayasan Sime Darby and UKM (Medal + Certificate and RM500) at UKM, 12 December 2019
2. The **8th Place Winner** at Selangor R&D and Innovation Expo 2019 organized by Kerajaan Negeri Selangor (Medal + Certificate and RM1000) at UKM, 13th October 2019, Malaysia International Trade Center, Kuala Lumpur. Title: i-Halal Locator
3. **Gold Award** at International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA 2019) for Innovation Title: Geo-Visualisation of Substance Abuse Identification Mapping (Geo-Vissam) at 25 September 2019, UTHM, Johor.
4. International Invention, Innovation and Technology Exhibition 2019 (**ITEX 2019**): **Gold Medal Award**
5. International Invention, Innovation and Technology Exhibition 2019 (**ITEX 2019**): **Special iENA Award (Germany)**

6. **Gold Award** at the Invention Innovation Design & Exposition 2018 (IIDEX2018) on 24-28 September 2018 at Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam, Selangor. Title of innovation – Geoinformative Substance Abuse Identification Mapping
7. **Gold Award** at the Educational, *Innovation, Creativity & Design Competition* (EICD), Fakulti Pendidikan, Universiti Teknologi MARA on 24th May 2018. Title of innovation – Geoinformative Drug Abuse Detection
8. **Gold Award** at the Asia Innovation Show on 27th April 2018, Atrium Gurney Paragon, Pulau Pinang, Organized by UiTM Pulau Pinang. Title of innovation - Geo-Visualisation of Substance Abuse Identification Mapping (Geo-Vissam)
9. **Bronze Award** at the 1st Digitalised International Invention, Innovation and Technology Design (IID Johor), Johor, 28 August 2018, Malaysia (2018). Title of innovation – Geoinformative Drug Abuse Detection
10. **Gold Award** at the International Invention, Innovation and Technology Design (ITeC), Negeri Sembilan, 26 February 2018, Malaysia (2018). Title of innovation – Intra-Species Space Competition in Cocoa Ecosystem: Invader Ants Geovisualisation
11. **Outstanding Booth Award** at the International Invention, Innovation and Technology Design (ITeC), Negeri Sembilan, 26 February 2018, Malaysia (2018)
12. **Gold Award** at the 4th International Innovation, Design, and Articulation (i-IDEA 2018), 24-26th April 2018, Arau, Perlis. Title of innovation – Statistical-Geovisualization Fusion: For A Holistic-Cocoa Precision Management
13. **MMU Special Award** for the Best Invention at the 4th International Innovation, Design, and Articulation (i-IDEA 2018), 24-26th April 2018, Arau, Perlis.
14. **Bronze medal** at the International Invention & Innovative Competition (InIIC Series 2/2018), 20 October 2018, Langkawi, Kedah. Title of innovation – Geo-Holistication Cocoa Precision Management.
15. **Silver Award** at the Invention Innovation Design & Exposition 2018 (Iidex2018) on 24-28 September 2018 at Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam, Selangor. Title of innovation – Urban Forest Smart Information System (UFSIS)
16. **Best Presenter Award** at the 5th International Congress on Technology Engineering & Science (ICONTES), Kuala Lumpur, 1-2 February 2018. Paper title: Cocoa Maturity Colors Kit (Co-MACK) Derivation Using Digital Image Processing Approach
17. **Bronze medal** – Pemenang bola jaring Sukan Antara Staff UiTM Shah Alam peringkat Universiti 2017.
18. The receiver of award " **Insentif Penerbitan Jurnal Berimpak Tinggi Tahun 2011** Journal Title: Exploring the impact of climate and land-use changes on streamflow trends in a monsoon catchment, Royal Meteorological Society (International Journal of Climatology (2010), Q1 Journal.
19. **Diamond Medal (Category A: Professional Education And Social): Nor Aizam Adnan**, Saripah Bakar, Abdul Hakim Salleh. Pemenang Diamond Award at International Invention and Innovative Competition (InIIC 1/2016), Port Dickson, Negeri Sembilan. 28 May 2016 (Trophy and cash award of RM500)
20. **Gold Medal** - Integrated cocoa entomology geospatially investigation (ICE-GSI) at the 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (IMIT-SIC), 26-27 July 2017.
21. **Gold Medal** - Geoprecision cocoa's insecticide pest control determinator at The International Invention, Innovation & Design Competition (IID Johor), 9 March 2017.
22. **Gold Medal** - Cocoa Maturity Color Kit (Co-MaCK) at the Invention, Innovation & Design (IID N9), 22 February 2017
23. **Gold Medal: Nor Aizam Adnan**, Saripah Bakar, Abdul Hakim Salleh. At Invention, Innovation & Design Exposition" 2015 (RISE 2015), Research Innovations Symposium and Exposition (RISE) 2015,

- 15th-16th November 2015, Project Title: **Geo-Aided Biological Cocoa Pest Control Visualisor (GAB-CPCV)**, Organized by Fakulti Kejuruteraan Mekanikal, RIBU dan MOSTI.
24. **Silver Award** at "Invention, Innovation & Design Exposition" 2014 (IIDEX 2014), 27-30 April 2014, Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam project bertajuk “**GeoFlood Information Visualisor (GFIV) by Nor Aizam Adnan, Ruzanna Ahmad Zahir, Zaharah Mohd Yusoff**”
 25. **Bronze Medal: Nor Aizam Adnan**, Arnis Asmat, Shattri Mansor. Pemenang Bronze Award at Invention, Innovation & Design Exposition" 2015 (RISE 2015), Research Innovations Symposium and Exposition (RISE) 2015, 15th-16th November 2015, project title: **Flood Sensitivity Estimator**, Anjuran Fakulti Kejuruteraan Mekanikal, RIBU dan MOSTI.
 26. **Silver Award:** Pemenang Silver Award at Invention, Innovation & Design Exposition" 2015 (IIDEX 2015), 27-30 April 2015, Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam project title “**[Open-Source GPS Tracking System (Geo-Track) 5** by Anjuran Research Management Unit(RMU), FSPU.
 27. **Bronze Award:** at Invention, Innovation & Design Exposition" 2015 (IIDEX 2015), 27-30 April 2015, Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam project title “**[Climate Change Flood Impact Estimator(CCFIE)** by Anjuran Research Management Unit (RMU), FSPU.
 28. **Silver Award:** at Invention, Innovation & Design Exposition" 2015 (IIDEX 2015), 27-30 April 2015, Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam project title “**[Employee Smart Commuting)** by Research Management Unit(RMU), FSPU.
 29. **Bronze Award:** at Invention, Innovation & Design Exposition" 2015 (IIDEX 2015), 27-30 April 2015, Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam project title “ **[Geovisualisor Cocoa Pest Control (GEOV-CPC)** by Research Management Unit(RMU), FSPU.
 30. **Bronze Award:** at Invention, Innovation & Design Exposition" 2015 (IIDEX 2015), 27-30 April 2015, Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam project title “ **[e-Cari Location)** by Research Management Unit(RMU), FSPU.
 31. **Silver Award:** at Invention, Innovation & Design Exposition" 2015 (IIDEX 2015), 27-30 April 2015, Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam project title “**[Geo-aided Land Development Allocator(GaLDA)** by Research Management Unit(RMU), FSPU.
 32. **Bronze Award:** at Invention, Innovation & Design Exposition" 2015 (IIDEX 2015), 27-30 April 2015, Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam project title “**[Hyperspectral OBIA of Ramin Melawis)** by Research Management Unit (RMU), FSPU.
 33. **Silver Award** at "Invention, Innovation & Design Exposition" 2014 (IIDEX 2014), 27-30 April 2014, Dewan Agung Tuanku Canselor (DATC), UiTM Shah Alam project title “**[H+T] Affordability Index for Low-Cost Housing Location-Distribution Procedure**” by Zaharah Mohd Yusoff, Dasimah Hj Omar, Nor Aizam Adnan.
 34. **Chairperson Parellel Session** (Creative Modeling and Public Engagement (B3) Session) di International Conferen Arte-Polis di Bandung, Indonesia on 07-09 August 2014.
 35. **Chairperson**, “International Symposium On Flood Research And Management (ISFRAM 2015). Hotel Blue Wave Shah Alam, Selangor Date: - **06/10/2015**.

Services & Administration

- 2020 -Now College Residence Principal (Kolej Melati)
- 2018 – 2020Coordinator MSc GIS (Coursework)
- 2009 - 2017Universiti Teknologi MARA (Senior Lecturer)
- 2015 – 2016Head of Industrial Linkages and Professional Development, Institute of Leadership &

Development (ILD)

- 2014 -2015Coordinator of Institute of Leadership & Management (iLQAM)
- 2002 - 2009Universiti Teknologi MARA (Lecturer)
- 2001 - 2002Universiti Putra Malaysia (Research Assistance)

Work and Collaboration Experience

1. Penasihat Teknikal Program Ijazah Sarjana Muda (Kepujian) Sistem Maklumat Geografi (GIS) dan Pembangunan Aplikasi lantikan oleh Naib Canselor Geomatika University College 2017-2020
2. Penyelaras Kursus Open University Malaysia (OUM) kod SBRS 3103: GIS and Remote Sensing lantikan OUM Malaysia 2018
3. Jawatankuasa Teknikal Pembangunan Data Light Detection and Ranging (LiDAR) dan Orthofoto untuk Pangkalan Data GIS bagi Kampus UiTM Shah Alam, Puncak Alam , Selayang dan Sungai Buloh, Unit Pembangunan UiTM 2017-2018
4. Penilai Content MOOC bagi MOOC bertajuk " Introduction to Geoamtics" lantikann VC UiTM
5. Penyelaras Kursus Open University Malaysia (OUM) kod SBML 3103: Introduction to Environmental Modelling lantikan OUM Malaysia
6. Conferences 10th 7-SEAS International Workshop Of Technologies And Sciences On Transboundary Haze 2016, National Space Agency (ANGKASA) Banting Malaysia. Organizer by University Of Nottingham Malaysia/UiTM/ National Space Agency (ANGKASA). 21- 24 Sept 2016.
7. Conference 2nd International Symposium on Flood Research and Management (ISFRAM 2015 Grand Blue Wave Hotel Shah Alam Selangor Malaysia. Session Chair. Organized by Flood Control Research Center (FCRC) Faculty Of Civil Engineering UiTM Shah Alam Malaysia. 05-06 Okt 2015.
8. IEEE 12th International Colloquium on Signal Processing and Its Applications (CSPA) 2016 Melaka Malaysia. Organized by IEEE CSS Malaysia Chapter and IEEE Malaysia Section Kuala Lumpur. 04-06 Mac 2016
9. The 10th International Symposium and Exhibition on Geoinformation (ISG 2011) and ISPRS Commission 11/5 (Multidimensional GIS & Mobile Data Model) & ISPRS Commission 11/7 (Decision Support Systems and LBS) At Shah Alam Convention Centre Shah Alam Selangor. Organized by UiTM/JUPEM/ISG /UTM/UPM/USM. 26-29 Sept 2011

Awards & Recognitions

1. FSPU Excellent Awards Ceremony, 2018 – Outstanding Contributor to the Faculty of Architecture Planning and Surveying Achievements (1st Place: Academic Staff Category)
2. Perhargaan Anugerah Akademik Fakulti Senibina Perancangan dan Ukur (FSPU) 2016/2017-Anugerah Ahli Akademik Harapan
3. Penerima Insentif Penerbitan Jurnal Berindeks 2018 peringkat FSPU/UiTM.
4. Excellent Service Award, Universiti Teknologi MARA, 2014.

Contribution to Society

1. Introduction to Geographic Information System (GIS), Organized by Akademi Pengajian Bahasa UiTM Shah Alam. 24 Nov 2016. Invited Speaker.
2. Motivation Talk. University-School Mentoring Programme. 12 March 2016. Invited Speaker.
3. Kursus Asas Pengajaran Dan Pembelajaran(KAP). 17 Feb 2016. Invited Speaker.

4. Responsibilities Dan Accountability of PhD Scholar to UITM /Kursus PhD on Time (POT): PhD Research Methodology. Organized by Institut Kepimpinan Penilaian dan Pembangunan (ILEAD) UITM. 30 Nov 2015. Invited Speaker.
5. Program Corporate Social Responsibility UITM-SRI LANKA (Empowering Women Leadership). Institut Kepimpinan Penilaian Dan Pembangunan (ILEAD) UITM. 04 Oct 2015. Invited Speaker.
6. Responsibilities Dan Accountability of PhD Scholar To UITM /Kursus PhD On Time (POT): PhD Research Methodology. Organized by Institut Kepimpinan Penilaian Dan Pembangunan (ILEAD) UITM. 01 Sept. 2015. Invited Speaker.
7. Overview of Research /Kursus PhD on Time (POT): PhD Research Methodology. Organized by Institut Kepimpinan Penilaian Dan Pembangunan (ILEAD) UITM. 18 May 2015. Invited Speaker.
8. Hands-On Mock Teaching Practices/Kursus Asas Pengajaran Dan Pembelajaran(KAP). Institut Kepimpinan Penilaian Dan Pembangunan (ILEAD) UITM. 13 Nov. 2014. Invited Speaker.
9. Bengkel E-Science. Fakulti Senibina Perancangan Dan Ukur UITM Shah Alam. 09 July 2012. Invited Speaker.

Other Activities

1. Nafisah Binti Khalid (2010585501). Ph.D. Thesis Title: Synergism In Remote Characterization For Extracting Tree Canopy Structural Characteristics In Heterogeneous Environments. Internal PhD Thesis Reviewer
2. Ahmad Sanusi Bin Che Cob (2007240628). Ph.D. Thesis Title: Detection of Building Features in Interferometric Synthetic Aperture Radar Datasets. Internal PhD Thesis Reviewer
3. Siti Nor Atikah Binti Nordin (2014208302). MSc Thesis Title: Tree Crown Segmentation of Gonystylus Bancanus in Tropical Peat Swamp Forest Using Hyperspectral Image. Internal MSc Thesis Reviewer
4. Siti Norhayati Binti Mohamad Tarmizi (2012440344). MSc Thesis Title: Seasonal Spatial PM₁₀ Concentration Distribution in Selected Region in Klang Valley Malaysia. Internal MSc Thesis Reviewer
5. Fazzami Bin Othman (2013851148). MSc Thesis Title: Exploring the Relationship between Spatial Configuration and Crime Location in Urban Residential. Internal MSc Thesis Reviewer
6. Newspaper interview with The Star and article published in The Star on 18 August 2014 entitled "Flood Prediction System Ready for Use".
7. Article published entitled GeoFlood Information Visualisor (GFIV) Oleh Asian Research News (Science News) Article Released -6th-August-2014 (03:54 GMT) online version di:
http://www.researchsea.com/html/article.php/aid/8320/cid/1/research/geoflood_information_visualisor_gfiv_.html