

CURRICULUM VITAE



Personal Particulars

Name : Mohd Khairul Amri Kamarudin
Date and Place of Birth : 7th December 1985. Kuantan, Pahang, Malaysia
Gender : Male
Nationality : Malaysia
Marital status : Married with 2 children
Corresponden address : East Coast Environmental Research Institute (ESERI)
University Sultan Zainal Abidin (UniSZA)
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Health : Excellent

Field of Specialization

Environmental Management, Environmental Science, Hydrology, Geomorphology, River Modeling and Geographical Information System (GIS), Remote Sensing, Geography, Sedimentology, Modelling, River and lake simulation, Geometric, River Plan Change, Water Quality, Flood Modelling, Ecohydrology and Climate Change.

Educational Background

Highest Education

Level : PhD in Environmental Management (PhD. Env. Mgt)
Field of Study : Environmental Management (by Research)
Major : Environmental Management. **Minor:** Geomorphology, Geometric & Hydrology
Institute : National University of Malaysia, Bangi, Selangor, Malaysia
Graduation Date : 1 November 2014

Level : Master in Environmental Management (M. Env. Mgt) - by Research
Field of Study : Environmental Management (by Research)
Major : Environmental Management. **Minor:** Hydrology, Sedimentology & Modelling
Institute : National University of Malaysia, Bangi, Selangor, Malaysia
Graduation Date : 24 September 2011

Level : Bachelor of Social Science (BSSc. With Honours)
Field of Study : Social Sciences (Development Science)
Major : Social Sciences **Minor:** Development Science
Institute : National University of Malaysia, Bangi, Selangor, Malaysia
Graduation Date : 9 August 2008

Second Highest Education

Level : STPM
Institute : Sekolah Menengah Kebangsaan Paya Besar, Pahang, Malaysia
Graduation Date : December 31st, 2004

Secondary School

Level : Secondary School
Institute : Sekolah Menengah Kebangsaan Seri Mahkota, Pahang, Malaysia
Graduation Date : December 31st, 2002

Achievements / Awards

Awards

- Award of "Anugerah Ganjaran Penerbitan Journal Terindeks Terbanyak Bagi Tahun 2015 (UniSZA)" from University Sultan Zainal Abidin (UniSZA) on 01 June 2016.
- Award of "Anugerah Bilangan Geran Terbanyak 2015 (ESERI)" from East Coast Environmental Research Institute (ESERI), University Sultan Zainal Abidin (UniSZA) on 27 November 2015.
- Award of "Anugerah Pensyarah Tamat Doktor Falsafah (PhD) dalam tempoh" / GoT (Graduated on Time) for PhD Candidate 2014 from University Sultan Zainal Abidin (UniSZA) on 31 Mac 2015.
- Award of GoT (Graduated on Time) for PhD Candidate 2014 from Universiti Kebangsaan Malaysia (UKM) on 30 October 2014.
- Award of KURNIA SATRIAJAYA (Kurnia Satriajaya) from TUANKU JAAFAR IBNI TUANKU ABDUL RAHMAN, Yang di-Pertuan Besar Negeri Sembilan on 21-06-2008. - (successfully completed the ROTU (Reserve Officer Training Unit) training which had been recognized by Malaysia Defense Ministry and Malaysia Royal Army).

Research and Poster Award Competitions

- Bronze in Research and Innovation Competition Week 2017 (MPI '17) at PSKT, Terengganu, Malaysia from 12-13 April 2017. Title: LowCost HydroSurvey Boat.
- Silver Medal in Research and Innovation Competition Week 2016 (MPI '16) at University Sultan Zainal Abidin (UniSZA) from 15-17 Mac 2016. Title: Tropical River Buffer Zone: Kelantan River.
- Bronze in Research and Innovation Exhibition at University Sultan Zainal Abidin (UniSZA) from 16-19 Mac 2014. Title: Tropical River classification: A case study in Sungai Pahang, Malaysia.
- Bronze in Research and Poster Exhibition at National University of Malaysia from 16-19 July 2010. Title: Development of flood risk modeling for shoreline management plan (SMP) with in Iskandar, Malaysia.

Job Experiences

February 2015 to now- present

- As a Deputy Director and Research Fellow, under East Coast Environmental Research Institute (ESERI), UniSZA. Senior Lecturer (DS51), under Faculty of Design Arts and Engineering Technology, UniSZA, Terengganu.
- As a part time lecturer at Open University Malaysia (OUM) Kuala Terengganu Learning Centre, Open University Malaysia. Jalan Tengku Mizan, Bukit Tunggul, 21200 Kuala Terengganu. Terengganu.

October 2013 to January 2015

- As an Assistant Lecturer (PhD Level), under East Coast Environmental Research Institute (ESERI), UniSZA, Terengganu.

December 2011 to September 2013- present

- As a part time of Graduate Research Assistant (Ph.D candidate) at Eco-hydrology Research Group, PPSPP, FSSK, UKM and at Tasik Chini Research Centre (PPTC-UKM), FST, UKM.

October 2010 to November 2011- present

- As a Site Supervisor of Fish Nursery Works (The Proposed Construction and Completion of the Following Works for The Rehabilitation & Conservation Works at Tasik Chini State Park, Pahang Darul Makmur. Contract No. ECERDC-P010/0453) and Instrumentation (Supply, Delivery, Installation, Testing and Commissioning of Permanent Water Quality Monitoring System, Hydrological Monitoring System and Laboratory Instrumentation for Tasik Chini State Park, Pekan Pahang Darul Makmur. Contract No. ECERDC-PTM/2010/T-119) under ECER consultancy project at UKM Perunding Kejuruteraan & Arkitek. Seksyen 9, Bangi.

January 2010 to September 2010- present

- As a Research Assistant of Strategic Implementation Plan Comprising Integrated Management Plan and Gazettement of Tasik Chini State, Pekan, Pahang under ECER consultancy project at UKM Pakarunding. Bangi.

August 2008 to December 2009- present

- As a Graduate Research Assistant of Tasik Chini Research Centre (PPTC-UKM) Under Prof. Dato' Dr. Mushrifah Idris. Grant no: UKM-OUP-PLW-14-57/2008 & UKM-OUP-PLW-13-54/2009

Research Experiences**Long Term Research Project**

- As a project leader in Fundamental Research Grant Scheme (FRGS) Project Grant. (Project Title: *Analisis Perubahan Plan Sungai bagi Pemetaan Kesan Banjir dan Sebagai Penentu kepada Pengurusan Banjir di Sungai Pahang, Malaysia.* Grant no: FRGS/1/2015/STWN01/UNISZA/02/1.
- As a project leader in Research Acculturation Grant Scheme (RAGS) Project Grant. (Project Title: *Siasatan Penghasilan Sediman Dasar: Satu Kajian Kes Di Sungai Terengganu, Terengganu, Malaysia.* Grant no: RAGS/1/2015/WABO5/UNISZA/02/1.
- As a project leader in Universiti Research Grant. (Geran Penyelidikan Anugerah Tamat Pengajian Dalam Tempoh/Graduate on Time) Project Grant. (Project Title: *Penilaian Penghasilan Sediment Terampai Di Beberapa Sungai Terpilih Di Malaysia.* Grant no: UniSZA/2015/GOT/03.
- As a Researchers in Regional Cooperation Agreement (RCA) Program under International Atomic Energy Agency (IAEA) Grant. (Project Title: *Assessing Deep Groundwater Resources for Sustainable Management through The utilization of Isotopic Techniques.* Grant no: RAS7030.
- As a Researchers in Magnetic Data Acquisition System (MAGDAS) Project under ANGKASA, UniSZA, UiTM, UKM and Kyushu University. (Project Title: *MAGDAS II.* Duration in 2017-2027.
- As a Researchers in Universiti Malaysia Terengganu Grant. (Projek Tabung Penyelidikan Muda (TPM) Project Grant. (Project Title: *Coastal Area Electromagnetic Radiations (EMR) Exposure: Mapping the Ambient Non-Ionizing Radiations Exposure Value of Terengganu*

Using GIS. Grant no: 68006/2016/79.

- As a Researchers in Prototype Research Grant Scheme (PRGS). Project Grant. (Project Title: *Prototype for project: Kesan Hakisan Tebing dan Sisi Sungai Akibat Luruan Air Banjir 2014: Keperluan Garis PAnduan Pembangunan Zon Penampang Sungai di Malaysia*. Grant no: PRGS/2015/ UNISZA/01/1).
- As a Researchers in NAHRIM Grant. (Projek Penyelidikan Kerjasama NAHRIM-ESERI). Project Grant. (Project Title: *Kajian Penentuan Kandungan Logam Berat dan Klasifikasi Kualiti Air, Tasik Putri Terengganu*. Grant no: UNISZA/NAHRIM/2016/1.
- As a Researchers in NIC Kementerian Pendidikan Malaysia (NRGS-KPM) Project Grant. (Project Title: *Pembinaan Model dan Indeks Kualiti Hidup Maqasid Syariah (I-QoL)*. Grant no: UniSZA/NRGS/2013/RR057-3).
- As a Researchers in FRIM Grant. (Projek Penyelidikan Kerjasama FRIM-ESERI). Project Grant. (Project Title: *Relationship between Water Quality Status and The Growth of Mangrove Via Probing Technique at Selected Mangrove Area in Peninsular Malaysia*. Grant no: UNISZA/FRIM/2016/1.
- As a Researchers in Universiti Research Grant. (Projek Dana Penyelidikan Universiti (DPU). Project Grant. (Project Title: *Determination of Heavy Metals to Freshwater Fishes in Sungai Kelantan*. Grant no: UniSZA/2016/DPU/06.
- As a Researchers in Fundamental Research Grant Scheme (FRGS) Project Grant. (Project Title: *Public Electromagnetic Radiations (EMR) Exposure Policy: Mapping The Ambient Non-Ionizing Radiations Exposure Value of Malaysia Using GIS*. Grant no: FRGS/1/2015/SG02/UNISZA/02/1).
- As a Researchers in Fundamental Research Grant Scheme (FRGS) Project Grant. (Project Title: *Kesan Hakisan Tebing dan Sisi Sungai Akibat Luruan Air Banjir 2014: Keperluan Garis PAnduan Pembangunan Zon Penampang Sungai di Malaysia*. Grant no: FRGS/1/2015/STWN01/UNISZA/01/1).
- As a Researchers in Fundamental Research Grant Scheme (FRGS) Project Grant. (Project Title: *Identification and Source Apportionment of River Self Purification System Due to Rapid Pollution Loading Based on Intelligent Quality Engineering Methods*. Grant no: FRGS/1/2014/STWN01/UNISZA/01/1).
- As a Researchers in Fundamental Research Grant Scheme (FRGS) Project Grant. (Project Title: *Impact of Climate Change on Sea Level Rise in Terengganu Coastline*. Grant no: FRGS/2/2014/STWN06/UNISZA/01/1).

Short Term Research Project/Consultancy Projects

- As a Consultant in Environment Impact Assessment (EIA) Study (Project Title: *Environmental Impact Assessment (EIA) For the Proposed Nenggiri Hydroelectric Project, Jajahan Gua Musang, Kelantan Darul Naim*). – UKM Pakarunding. Bangi.
- As a Consultant in Environment Impact Assessment (EIA) Study (Project Title: *Proposed Project of "Cadangan Pembangunan Pusat Pentadbiran Kuala Nerus, Mukim Batu Rakit dan Kuala Nerus, Daerah Kuala Nerus, Terengganu Darul Iman"*). – UniSZA Consultancy Sdn. Bhd. Kuala Nerus.
- As a Consultant in Environmental Study for the (Project Title: *Integrated Lake Basin Management Plan (ILBM) and Development of Intelligent Lake Pollution Management System (i-LAMP) for Kenyir and Hulu Terengganu Reservoirs*). – UniSZA Consultancy Sdn. Bhd. Kuala Nerus.

- As a Researcher in Detail Environment Impact Assessment (DEIA) Study (Project Title: Hydrological Study for the Proposed Land Reclamation for the Development of Lido Waterfront Boulevard at Johor Bahru, Johor Darul Takzim). - UKM Pakarunding. Bangi.
- As a Researcher in Environmental Management Plan (EMP) For (Project Title: *Cadangan Projek Pembinaan Pusat Servis Teknikal (STC) Bagi Penyelenggaraan Dan Pembaikan Pesawat Su-30mkm Untuk Tentera Udara Diraja Malaysia (Tudm) Di Pengkalan Udara Tudm Gong Kedak, Terengganu Darul Iman*) – ESERI, UniSZA
- Involved in Lake monitoring work study (Project Title: "Study on *hydrogen sulphide* and development of *biomass* quantification method for hydroelectric project in Chenderoh Lake, Pergau Lake, Kenyir Lake, Murum Lake, Puah Lake, Tembat Lake and Susu Lake") - TNB Research Sdn. Bhd. – UniSZA Consultancy Sdn. Bhd. Terengganu.
- Involved in Detail Environment Impact Assessment (DEIA) Study (Project Title: "Cadangan Pembinaan Loji Rawatan Kumbahan Serantau Bandaraya Melaka at Melaka") – Wiranda (M) Sdn Bhd. Serdang, Selangor.
- Involved in Sub-Surface Analysis Study (Project Title: "Sub-Surface Analysis for Cadangan Kerja Tanah Bagi Perkampungan Tersusun di Atas Tanah Kerajaan, Mukim Chenderiang, Daerah Batang Padang, Perak Darul Ridzuan Untuk Tetuan Bidara Istimewa Sdn. Bhd." at Perak). – Geo Technology Resources (Company no IP0344806-V), Perak.
- Involved in Radiation Impact Assessment (RIA) Study (Project Title: The Proposed Samalaju Industrial Park at Bintulu, Sarawak).
- Involved in Detail Environment Impact Assessment (DEIA) Study (Project Title: The Proposed KPTC Malaysia Integrated Refinery and Petrochemical Development in Pengerang, Johor). - Daya Eco Techno Sdn Bhd. Johor, Malaysia.
- Involved in Sub-Surface Analysis Study (Project Title: "Cadangan Kerjatanah bagi Skim Perindustrian Ringan yang Mengandungi 4 Unit Kilang Sesebuah dan 6 Unit Kilang Berkembar di atas Lot 213096, Mukim Sungai Raya, Daerah Kinta, Perak Darul Ridzuan Untuk Tetuan Omega Zen Sdn. Bhd." at Perak). – Geo Technology Resources (Company no IP0344806-V), Perak.
- Involved in Survey Line & Resistivity Analysis Project (Project Title: "Permohonan Kebenaran Merancang bagi Cadangan Pembangunan Bercampur di atas Pt 18840 Hingga Pt19000, Pt 19135 Hingga Pt19198, Pt19361 Hingga Pt19441, Pt 19463 Hingga Pt 19467, Pt19555 Hingga Pt 19567, Pt 201197 Hingga Pt20204, Pt 20207 Hingga Pt20209 dan Pt 20212 bagi Scanwolf Properties Sdn. Bhd., No. 25, Jalan Sultan Yuusof, 30000 Ipoh, Perak." at Perak). – Geo Technology Resources (Company no IP0344806-V), Perak.
- Involved in Geophysical survey for Landslide Study (Project Title: Geophysical survey for Landslide at Jln 5/60 Near Fraser Tower, Bukit Gasing, Mukim Petaling Jaya at Selangor). – Geo Technology Resources (Company no IP0344806-V), Perak.
- Involved in Lake Brief Study (Project Title: The Lake Brief of Ringlet and Cenderoh Reservoir) -Talent Enhancement Academy, UKM Holdings Sdn. Bhd. (UKMH-TEA), Selangor.
- Involved in Environment Impact Assessment (EIA) Study (Project Title: The proposed Sungai Air Hangat and Sungai Keruak DAM at Besut Terengganu). - UKM Pakarunding. Bangi.
- Involved in Detail Environment Impact Assessment (DEIA) Study (Project Title: The proposed East Klang Valley Expressway (Kuala Lumpur Outer Ring Road-Eastern Route) Kuala Lumpur). - UKM Pakarunding. Bangi.

Paper Reviewer (Journal)

- As a reviewer for Mitigation and Adaptation Strategies for Global Change Journal. Manuscript Number: MITI-D-13-00102. Title: China's regional vulnerability to drought and its mitigation strategies under climate change: A DEA-AHP integrated approach. (5 Jun 2013). ISSN: 1381-2386 (IF: 3.085) Q2
- As a reviewer for Mitigation and Adaptation Strategies for Global Change Journal. Manuscript Number: MITI-D-13-00106. Title: Implications of Climate Change for Egypt's Agricultural Sector. (24 May 2013). ISSN: 1381-2386 (IF: 3.085) Q2
- As a reviewer for Academia Journal of Environmental Sciences. Manuscript Number: AJES-13-017. Title: Multivariate Analysis Surface Water Quality of Rivers Ogba and Ikpoba in Benin City, Edo State, Nigeria. (5 August 2013). ISSN: 2315-778X
- As a reviewer for Academia Journal of Environmental Sciences. Manuscript Number: AJES-12-012. Title: African Women's Role in Conservation of Natural Resources to Reduce Climate Change. (27 August 2013). ISSN: 2315-778X
- As a reviewer for Academia Journal of Environmental Sciences. Manuscript Number: AJES-13-029. Title: Physical Development Planning for Difficult Terrains: A Case Study of Biu Local Government Area, Borno State, Nigeria. (1 October 2013). ISSN: 2315-778X
- As a reviewer for Mitigation and Adaptation Strategies for Global Change Journal. Manuscript Number: MITI-D-13-00249. Title: Impact of land use, soil types, and topographical factor on water quantity, quality components and ecosystem services changes in Teshio watershed, northern Hokkaido, Japan. (27 November 2013). ISSN: 1381-2386 (IF: 3.085) Q2
- As a reviewer for Academia Journal of Environmental Sciences. Manuscript Number: AJES-13-032. Title: Sediment Transport Analysis and Modelling Using Winxspro: A Case Study Of the Sediment Transport Apparatus. (14 November 2013). ISSN: 2315-778X
- As a reviewer for Issues in Biological Sciences and Pharmaceutical Research. Manuscript Number: IBSPR-14-006. Title: Communities Water-Bodies and Parasitic Infestation in Eastern Zone Kogi State, Nigeria? (20 February 2014). ISSN: 2350-1588
- As a reviewer for Academia Journal of Environmental Sciences. Manuscript Number: AJES-14-105. Title: The Effect of Climate Change and Variability on the Livelihoods of the Communities; the case of, Central Rift Valley Region of Ethiopia. (26 March 2014). ISSN: 2315-778X
- As a reviewer for Mitigation and Adaptation Strategies for Global Change Journal. Manuscript Number: MITI-D-14-00051. Title: Climate Change Impact on Irrigation Water Requirement - A Case Study for Winter Wheat in Haihe River Basin. (6 May 2014). ISSN: 1381-2386 (IF: 3.085) Q2
- As a reviewer for Academia Journal of Environmental Sciences. Manuscript Number: AJES-14-107. Title: Comparative efficiency of different fungal species in composting Municipal Solid Waste collected from Alwarkurichi Town Panchayat, Tamil Nadu. (7 May 2014). ISSN: 2315-778X
- As a reviewer for Academia Journal of Environmental Sciences. Manuscript Number: AJES-14-110. Title: The Impact of Globalization in Location of Tertiary Activities. (12 May 2014). ISSN: 2315-778X
- As a reviewer for Academia Journal of Environmental Sciences. Manuscript Number: AJES-14-111. Title: Length-weight relationship and condition factor of *Tetraodon cutcutia* (Ham)

from Neematighat, Jorhat. (12 May 2014). ISSN: 2315-778X

- As a reviewer for Water Resources Management. Manuscript Number: WARM-D-14-00579. Title: Water resource management based on trade-off analysis of multi-dimensional critical regulation and control indicators (1 July 2014). ISSN: 0920-4741 (IF: 2.437) Q1
- As a reviewer for African Journal of Agricultural Research. Manuscript Number: AJAR/21.03.14/8704. Title: Influence of the land use on the water quality in the São João and Iguaçú Rivers, state of Paraná, Brazil: assessment of the importance of the riparian zone. (18 July 2014). ISSN: 1991- 637X
- As a reviewer for Water Resources Management. Manuscript Number: WARM-D-14-00531. Title: Numerical simulation of gradual dam-breaks in earth-rock dams using the moving boundary technique (7 November 2014). ISSN: 0920-4741 (IF: 2.437) Q1
- As a reviewer for Water Resources Management. Manuscript Number: WARM-D-14-00543. Title: Trends in monthly natural streamflow in Romania and linkages to atmospheric circulation in the North Atlantic (8 November 2014). ISSN: 0920-4741 (IF: 2.437) Q1
- As a reviewer for Water Resources Management. Manuscript Number: WARM-D-14-00922. Title: Influence of the management strategy model on estimating water system performance under climate change (27 November 2014). ISSN: 0920-4741 (IF: 2.437) Q1
- As a reviewer for Water Resources Management. Manuscript Number: WARM-D-14-00970. Title: Optimal design of pumped water distribution networks with storage under uncertain hydraulic constraints (29 November 2014). ISSN: 0920-4741 (IF: 2.437) Q1
- As a reviewer for Water Resources Management. Manuscript Number: WARM-D-14-01110. Title: Rainfall-runoff prediction using dynamic typhoon information and surface weather characteristics considering monsoon effects (8 December 2014). ISSN: 0920-4741 (IF: 2.437) Q1
- As a reviewer for Am. J. Environ. Sci. Manuscript Number: 1126-AJES. Title: Biochar as a known tool for greenhouse gas emissions reduction: review of its subsequent N₂O suppression and CO₂ sequestration potential. (3 January 2015). ISSN: 1553-345X (SCOPUS)
- As a reviewer for Mitigation and Adaptation Strategies for Global Change Journal. Manuscript Number: MITI-D-14-00287. Title: Shallow Landslide Susceptibility Mapping: Sensitivity Analysis on Parameter Input Towards Stability Index. (6 January 2015). ISSN: 1381-2386 (IF: 3.085) Q2
- As a reviewer for Water Resources Management. Manuscript Number: WARM-D-15-00223. Title: Modelling surface stream and underground channel flow in response of rainfall under sinkhole effect in a karst catchment of southwest China (22 December 2015). ISSN: 0920-4741 (IF: 2.437) Q1
- As a reviewer for EnvironmentAsia Journal. Manuscript Number: Blind-EA-9(2)-34. Title: Effect of Biomass Waste Filler on the Dielectric Properties of Polymer Composites. (28 Mei 2016). ISSN: 1906-1714 (SCOPUS)
- As a reviewer for CATENA Journal. Manuscript Number: CATENA5817. Title: Artificialized land characteristics and sediment connectivity explain muddy flood hazard in Wallonia. (1 Dec 2016). ISSN: 0341-8162 (IF: 2.612) Q1
- As a reviewer for Journal of Physical Science. Manuscript Number: JPS-R-17-0049. Title: A Review of Environmental Isotopes: It's Prospective Applications in Disaster-Risk Management of Watershed. (14 May 2017). ISSN: 1675-3402 (SCOPUS)

Publication

H Index/No. of Publications and Citations (2017)

Researcher:	Particular
Name:	Mohd Khairul Amri Kamarudin
Other formats:	Kamarudin, M. K. A.; Kamarudin, Mohd Khairul Amri; Kamarudin, Khairul Amri; Kamarudin
ORCID iD:	orcid.org/0000-0002-1713-5679
Scopus Author ID:	36546065200
ResearcherID (Thompson Reuters):	E-5639-2015
Google scholar ID:	KrIEQmYAAAAJ&hl
H Index (SCOPUS):	7
H Index (Google Citations):	6
I10 Index (Google scholar):	2
No. of Citations:	188(SCOPUS), 211(ResearchGate) & 148(GoogleCitations)
Journal:	61
Book:	3
Chapters in Book:	23

JOURNAL

1. **Mohd Khairul Amri Kamarudin**, Mohd Ekhwan Toriman, Noorjima Abd Wahab, Hafiz Rosli, Frankie Marcus Ata, Mohd Nazmi Mohd Faudzi. 2017. Sedimentation Study on Upstream Reach of Selected Rivers in Pahang River Basin, Malaysia. *International Journal on Advanced Science, Engineering and Information Technology*. 7 (1): 35-41. ISSN: 2088-5334. DOI: <http://dx.doi.org/10.18517/ijaseit.7.1.971>. SCOPUS
2. **Mohd Khairul Amri Kamarudin**, Mohd Ekhwan Toriman, Mushrifah Idris, Hafizan Juahir, Azman Azid, Muhammad Barzani Gasim, Roslan Umar, Azizah Endut, Mazlin Mokhtar, Saiful Iskandar Khalit, Azimah Ismail, Nur Haizal Mat Yaakob and Manutha Appa Rwoo. 2016. Environmental Management on Natural Lake Using Sediment and Hydrology Hydraulic Models. *Malaysian Journal of Applied Sciences*, 1(2): 9-26. (eISSN 0127-9246)
3. **Mohd Khairul Amri Kamarudin**, Mohd Ekhwan Toriman, Mohd Hafiz Rosli, Hafizan Juahir, Azman Azid, Syahrir Farihan Mohamed Zainuddin, Nor Azlina Abdul Aziz & Wan Nor Azmin Sulaiman. 2015. Analysis of Meander Evolution Studies on Effect from Land Use and Climate Change at Upstream Reach of Pahang River, Malaysia. *Mitigation and Adaptation Strategies for Global Change*, 20 (8):1319-1334. ISSN: 1381-2386. DOI 10.1007/s11027-014-9547-6. SCOPUS & ISI, Q2, IF: 3.085
4. Azimah Ismail, Mohd Ekhwan Toriman, Hafizan Juahir, Sharifuddin Md Zain, Nur Liyana Abdul Habir, Ananthy Retnam, **Mohd Khairul Amri Kamarudin**, Roslan Umar, Azman Azid. 2016. Spatial assessment and source identification of heavy metals pollution in surface water using several chemometric techniques. *Marine Pollution Bulletin*, 106 (1-2): 292-300. ISSN: 0025-326X. doi: 10.1016/j.marpolbul.2015.10.019. SCOPUS & ISI, Q1, IF: 3.099
5. Mohammad Redzuan Tahar, Farahana Kamarudin, Roslan Umar, **Mohd Khairul Amri Kamarudin**, Nor Hazmin Sabri, Karzaman Ahmad, Sobri Abdul Rahim and Mohd Sharul Aikal Baharim. 2017. *Research in Astronomy and Astrophysics*. 17(4): 37 (10pp) 37.1-10. DOI 10.1088/1674-4527/17/4/37. SCOPUS & ISI, Q3, IF: 1.292
6. Nur Hishaam Sulaiman, **Mohd Khairul Amri Kamarudin**, Mohd Ekhwan Toriman, Hafizan Juahir, Frankie Marcus Ata, Azman Azid, Noor Jima Abd Wahab, Roslan Umar, Saiful iskandar Khalit, Mokhairi Makhtar, Amal Arfan & Uca Sideng. 2017. Relationship of

- Rainfall Distribution and Water Level on Major Flood 2014 in Pahang River Basin, Malaysia. *EnvironmentAsia*, 10(1): 1-8. DOI 10.14456/ea.2017.1 SCOPUS
7. Musa Garba Abdullahi, **Mohd Khairul Amri Kamarudin**, Roslan Umar, Azizah Endut, Saiful Iskandar Khalit, Hafizan Juahir. 2017. Night Sky Brightness Assessment in Nigeria Using Environmetric and GIS Technique. *International Journal on Advanced Science, Engineering and Information Technology*. 7 (1): 28-34. ISSN: 2088-5334. DOI: <http://dx.doi.org/10.18517/ijaseit.7.1.970>. SCOPUS
 8. Nor Azlina Abd Aziz, Mohd Ekhwan Toriman, Muhammad Barzani Gasim, Soaad Muftah, Amal Barggig, **Mohd Khairul Amri Kamarudin**. 2017. Water Quality Deterioration in Artificial Lake: Their Impact and Sources. *International Journal on Advanced Science, Engineering and Information Technology*. 7 (1): 49-56. ISSN: 2088-5334. DOI: <http://dx.doi.org/10.18517/ijaseit.7.1.1012>. SCOPUS
 9. Wan Nor Azmin Sulaiman, Mohd Hafiz Rosli, Mohd Armi Abu Samah and **Mohd Khairul Amri Kamarudin**. 2017. Landslide Susceptibility Mapping: Effect of Spatial Resolution towards the Prediction of Landslide Prone Area in a Tropical Catchment. *Chiang Mai J. Sci.* 44 (2): 494-507. ISSN: 0125-2526. <http://epg.science.cmu.ac.th/ejournal/> SCOPUS
 10. Mohd Saiful Samsudin, Saiful Iskandar Khalit, Hafizan Juahir, Mohd Fahmi Mohd Nasir, **Mohd Khairul Amri Kamarudin**, Fathurrahman Lananan. 2017. Application of Mann-Kendall in Analyzing Water Quality Data Trend at Perlis River, Malaysia. *International Journal on Advanced Science, Engineering and Information Technology*. 7 (1): 78-85. ISSN: 2088-5334. DOI: <http://dx.doi.org/10.18517/ijaseit.7.1.1128>. SCOPUS
 11. Musa Garba Abdullahi, **Mohd Khairul Amri Kamarudin**, Mohd Ekhwan Toriman, Muhammad Barzani Gasim, Azizah Endut, Iliyasu Garba. 2016. Assessment of Natural Groundwater Recharge in Terengganu, Malaysia. *International Journal on Advanced Science, Engineering and Information Technology*. 6 (5): 781-786. ISSN: 2088-5334. DOI: 10.18517/ijaseit.6.5.999. SCOPUS
 12. Frankie Marcus Ata, **Mohd Khairul Amri Kamarudin**, Mohd Ekhwan Toriman, Mohd Saupi Mohd Zin, Nur Hishaam Sulaiman, Norjima Abd Wahab, Sarif Mohd Nasir, Jamaluddin Mohamad Saad. 2016. Sediment Classification using Envirometric Technique: A Study Case in Pahang River, Malaysia. *Malaysian Journal of Analytical Sciences*, 20 (5): 1171 - 1180 (ISSN: 1394-2506). DOI: <http://dx.doi.org/10.17576/mjas-2016-2005-24> SCOPUS
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Other Activities

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- Trainer for hydrology hydraulic modelling on river engineering workshop. Under Deputy Vice Chancellor (Research & Innovation) Office, UniSZA, Terengganu on 2 November 2014.
- Involved in MQA-01 preparation for new course offering at ESERI, UniSZA on Mac 2014
- Evaluators Penal for: *Sebutharga Barangan Sainstifik Penyelidikan Institut Penyelidikan Alam Sekitar Pantai Timur* (ESERI), UniSZA. 16 Mac 2014.
- Involved in MOU program between UniSZA and IKINDO, Indonesia on February 2014
- Trainer for introduction of XP-SWMM modeling software for NAHRIM official workshop. Under UKM Pakarunding, Bangi, Selangor on November 2013.
- Official fasilitator for workshop "Introduction to Basic GIS and hydrodynamic model". Under PPSPP, FSSK, UKM, Bangi on 20 January 2013.
- Participated in Workshop and Data Validation on Storm Water and Waste Water Design Analysis (XP-SWMM modeling software), Brisbane, Australia.
- Involved in visit of Expert Team from Lake Biwa Research Committee, Japan to Tasik Chini, Pekan, Pahang on 9-11 December 2008.

References

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