

## CURCULUM VITAE



### A. PERSONAL DETAILS

1. Name : Janmaizatulriah Jani
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3. Sex : Female
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### B. NATIONAL LEVEL RESEARCH COMMITTEE

	Name of Research Committee	Hosting Secretariat	Year Involved
1	Flood Control Research Centre	FKA, UiTM	Since 2013
2.	Unesco –IHP Malaysia	IHP Malaysia	Since 2012

### C. POSTGRADUATE SUPERVISION

#### On-Going PhD SUPERVISION (Includes Co-supervision)

	Students Name	Institutions	Year Enrolled	Year End
1	Fauzi Baharudin	UiTM	Sept 2014	2017
2	Siti Aisyah Ghazali	UiTM	2013	2015
3	Tuan Asmaa Tuan Resdi	UiTM	2013	2015
4	Dzulaika Khairuddin (penyelia bersama)	UiTM	2016	2018
5	Siti Nurul Huda mohd Imran (penyelia bersama)	UiTM	2016	2018

**D. PAPER PUBLICATION ( JOURNAL/ PROCEEDING/BOOK/MANUSCRIPT)**

**RESEARCH FUNDINGS**

**INDUSTRIAL RESEARCH FUNDING INCLUDING CONTRACT RESEARCH**

<b>No</b>	<b>Research Project</b>	<b>Source</b>	<b>Total Funds</b>	<b>Begin Year</b>	<b>End Year</b>
1	Perkhidmatan mengumpul, menyediakan dan membekal data hidrologi, hidrodinamik, gunatanah dan struktur hidraulik serta menyedia dan membekalkan data-data kalibrasi dan verifikasi untuk kerja-kerja penyelidikan ke arah banjir sifar di lembangan Sungai Klang (Towards zero flood)	NAHRIM - Consultancy	RM340,000.00	2014	2015
2	Kajian lanjutan pengurusan aktiviti akuakultur udang laut negeri Selangor untuk LEMBAGA URUS AIR SELANGOR	LUAS	RM69, 320.00	2014	2014
3	Kerja-kerja mengumpul, membekal dan menyediakan data-data hidrologi termasuk data-data analisis di tapak dan di makmal serta pelan tindakan rancangan kawalan kualiti air bagi Lembangan Sungai Muar.	JPS	RM 298,018.00	2012	2012
4	Kerja-kerja Penyediaan Kajian Berkenaan Aktiviti Kesan Akuakultur Udang Laut Kepada Pencemaran Sumber Air dan Ekosistem Alam Sekitar untuk Lembaga Urus Air Selangor	LUAS	RM75,000.00	2013	2013
5	Penyediaan Garis Panduan Aktiviti-aktiviti Rekreasi Air untuk Lembaga Urus Air Selangor	LUAS	RM 89,000.0	2014	2014
9	State of Coast Report for Klang, Sepang, Kuala Langat, Sabak Bernam and Kuala Selangor	LUAS	RM100,000.00	2015	2015

**RESEARCH GRANT**

	<b>Research Project</b>	<b>Total Funds</b>	<b>Amount</b>	<b>End Year</b>
1	MAJOR AQUIFERS GROUNDWATER POTENTIAL ZONE INCORPORATING GROUNDWATER QUALITY INDEX	RIF	RM32,000.00	2012
2	INVESTIGATION OF BEHAVIOR FOR THE SOIL LINER WITH THE GEOSENTATIC AND ADMIXTURE	RIF	RM32,000.00	2012
3	GOVERNANCE FOR DISASTER RISK REDUCTION: A HOLISTIC FLOOD RISK MANAGEMENT (HFRM) FOR MALAYSIA	FRGS 600-RMI/FRGS DIS5/396/2015)	RM48,700.00	2015
4	Spatial and Temporal Analysis of Rainfall Variability at Kelantan River Basin	TRGS/1/2015/UITM/02/1/2)	RM93720.00	2016
5	CANOPY INTERCEPTION ROLE IN FLOOD FORECASTING FOR FLOOD MANAGEMENT	FRGS FRGS/1/2015/WAB05/UITM/02/5	RM98,700.00	2018
6	TRANSFERRING SUSTAINABLE SCIENCE AND TECHNOLOGY KNOWLEDGE FOR FOSTERING INNOVATION IN RURAL AREAS SCHOOL	KTP	RM154,160.00	2018
7	DISPERSION OF SOIL PARTICLES VIA MULTI-PROPAGATION VIBRATION	FRGS 600-RMI/FRGS 5/3 (0092/2016)	RM109200.00	2018

## E. PUBLICATIONS

- [1] J Jani & R A Abidin (2000) Rainfall erosivity assessment with respect flood occurrence. Fresh Perspectives on Hydrology and water resources in Southeast Asia and the Pacific, New Zealand
- [2] J Jani & R A Abidin (2001) Assessment on rainfall erosivity among major rivers in Peninsular Conference on scientific and social research, UiTM
- [3] J Jani & R A Abidin (2002) Assessment on rainfall erosivity among major rivers in Peninsular Malaysia with regard to flood occurrence. Water Environmental Planning "Technologies of water resources management" seminar
- [4] J Jani(2003) Landslide tragedy in highland areas. Seminar Penyelidikan Kejuruteraan Awam 'SEPKA 2003', Fakulti Kejuruteraan Awam
- [5] J Jani, M Ab. Wahid and W Tahir (2005) Application of GIS and Infoworks for flood prediction. Conference on scientific and social research, Universiti Teknologi MARA
- [6] J Jani, M Ab. Wahid and W Tahir (2006) Effect of Land Use Changes on Flooding Using SCS Method and GIS International seminar in Civil and Infrastructure Engineering 'ISCIE 06',
- [7] J Jani, M Ab. Wahid and W Tahir (2007) Analysis on the effect of landuse changes on flooding using SCS method and GIS. Scientific Research Journal Vol. 4, No.2, ISSN 1675-7009
- [8] J Jani, Lerner, D.N. Lerner, S. Wise (2007) Development of a GIS-based approach to regional groundwater modeling. Groundwater and Ecosystem, 35th IAH International Conference, Lisbon, Portugal
- [9] J Jani, Lerner, D.N., Wise, S. (2008) A GIS based tool for regional groundwater risk assessment in poorly productive aquifers, GroPro – Groundwater Protection Plans and Implementation in a North European Perspective
- [10] J Jani, D.N.Lerner, S. Wise. (2010) GIS-based method for modelling groundwater flow in a catchment Cat Sci Conference, University of Sheffield, United Kingdom
- [11] Jani, J.; Mohd Nasir S. R.; Mad Zawawi N. S. (2014) Community awareness and preparedness towards flood in Kuantan, Pahang. International Symposium on flood research and management (ISFRAM 2014) 28 Sept -1 Oct 2014 (IEEE)
- [12] Wei Koo, L.: Abdul Wahid, M.; Jani, J.;Tahir. W.; Zakaria, K. Extended abstracts: A Collection of Technical papers.2014
- [13] J Jani, D.N. Lerner, S. Wise (2012) Minimal Geological Data For Modelling Complex. Hydrogeological System Groundwater resources conferences " Research and Development (R&D) in Groundwater Resources Towards It's Sustainable Development". (IEEE)
- [14] J Jani (2012) GIS as a tool for modelling groundwater flow. ISBEIA 2012-IEEE Symposium on Business, Engineering and Industrial Applications, Bandung, Indonesia (IEEE)
- [15] M.V. Molykutty, J Jani (2012) Application of GIS in water resources engineering. Proceeding of NRDMS (DST) sponsored training programme on application of GIS in Civil Engineering. India.
- [16] JANMAIZATULRIAH BINTI JANI (DR), WARDAH BINTI TAHIR (DR), INTAN ROHANI BINTI ENDUT (DR), MAZIDAH BINTI MUKRI (DR), NURUL ELMA BINTI KORDI (2016) The Effectiveness of Implementation of SOPs During Flood Evacuation Operation. Persidangan kajian Bencana Banjir 2014, Pullman Putrajaya Lakeside, 4-6 April 2016
- [17] Janmaizaturiah jani, David N Lerner, Steve Wise (2015) Minimal geological data for modelling complex hydrogeological system using GIS. Environmental and Civil

- Engineering Technology International Conference (ENVICET 2015) 1 – 3 December 2015 in Deevana Plaza Krabi Aonang, Krabi, Thailand
- [18] JANMAIZATULRIAH BINTI JANI (DR), WARDAH BINTI TAHIR (DR), INTAN ROHANI BINTI ENDUT (DR), MAZIDAH BINTI MUKRI (DR), NURUL ELMA BINTI KORDI Flood Disaster Management in Malaysia: A Review on Standard Operating Procedures (SOPs). 2nd International Symposium On Flood Research And Management 2015 (ISFRAM 2015)
- [19] W. Tahir, C. M. Mat Isa, J. Jani, H. Mohd Saman and M. Mukri (2016) Assessment of Graduate Attributes for Engineering Program Continual Quality Improvement. 8th International Conference on University Learning and Teaching (InCULT 2016)
- [20] M. Abd Wahid, J. Jani, M. Mukri, N. Mohd Amin, J. Jaafar, N. Abdullah and N. A. Kasmi (2016) Transferring sustainable science and technology knowledge for fostering innovation in rural areas school. 3rd national conference on knowledge transfer 30 Nov - 1 Dec 2016
- [21] A. Jazuri, A.W. Marfiah, J. Jani, M.F. Ali, M.K. Selamat and N. Shamsuddin (2016) Simulation of the aquaculture activity impact on water quality at Sungai Sepang Besar. International Conference on Agricultural and Food Engineering (Cafei2016) 23- 25 August 2016
- [22] Janmaizaturiah jani, David N Lerner, Steve Wise (2016) Minimal geological data for modelling complex hydrogeological system using GIS. Jurnal Teknologi 78:5-2 (2016) pp 23-27 eISSN 2180-3722
- [23] Isa, C.M.M., Saman, H.M., Tahir, W., Jani, J., Mukri, M. (2018) Understanding of outcome-based education (OBE) implementation by civil engineering students in Malaysia. Proceedings of the 2017 IEEE 9th International Conference on Engineering Education, IEEE ICEED 2017 2018-January, pp. 96-100
- [24] Ahmad, M.H., Jani, J. (2018) Comparison of groundwater quality status at active and inactive landfill in Selangor, Malaysia International Journal of Civil Engineering and Technology 9(7),IJCIET\_09\_07\_200, pp. 1896-1902
- [25] Baharudin, F., Mohd Tadza, M.Y., Mohd Imran, S.N., Jani, J. (2018) Removal of Iron and Manganese in Groundwater using Natural Biosorbent. IOP Conference Series: Earth and Environmental Science 140(1),012046

