

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (*Personal Details*)

Nama Penuh (<i>Full Name</i>)	ZELINA BINTI ZAITON IBRAHIM	Gelaran (<i>Title</i>): Associate Professor
No. MyKad / No. Pasport (<i>Mykad No. / Passport No.</i>)	Warganegara (<i>Citizenship</i>) Malaysia	Bangsa (<i>Race</i>) Malay
Jawatan (<i>Designation</i>) Associate Professor		Jantina (<i>Gender</i>) Female
		Tarikh Lahir (<i>Date of Birth</i>)

Alamat Semasa (<i>Current Address</i>)	Jabatan/Fakulti (<i>Department/Faculty</i>)	E-mel dan URL (<i>E-mail Address and URL</i>)
Universiti Putra Malaysia Tel: 03-89466771	Department of Environmental Management/ Faculty of Environmental Studies Tel: 03-89466752 Fax:	E-mail: zelina@upm.edu.my URL: http://www.env.upm.edu.my

B. KELAYAKAN AKADEMIK (*Academic Qualification*)

Nama Sijil / Kelayakan (<i>Certificate / Qualification obtained</i>)	Nama Sekolah Institusi (<i>Name of School / Institution</i>)	Tahun (<i>Year obtained</i>)	Bidang pengkhususan (<i>Area of Specialization</i>)
PhD	Department of Oceanography, University of Southampton, Southampton, U.K.,	1989	Oceanography
B.Sc.(Hons) Environmental Sciences	School of Environmental Sciences, University of East Anglia, Norwich, U.K.	1979	Environmental Sciences

C. KEMAHIRAN BAHASA (*Language Proficiency*)

Bahasa / <i>Language</i>	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English				4	
Bahasa Melayu			3		
Chinese					
Lain-lain (<i>other</i>):					

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN <i>(Scientific experience and Specialisation)</i>				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
Universiti Putra Malaysia	Lecturer - Associate Professor	8 May 1989	20 Dec 2016	Estuaries, Coastal Hydraulics, Coastal Management
Ministry of Agriculture	Head, Water Quality and Environment Division	1 October 1997	30 September 2001	Lake Management, Estuarine studies, Coastal Management

E. PEKERJAAN (Employment)				
<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
Universiti Putra Malaysia	Associate Professor [DS54]	Department of Environmental Management/ Department of Environmental Sciences	29 December 2003	20 December 2016
Universiti Putra Malaysia	Lecturer [A10, DS45 (SSM from 1 November 2002)]	Department of Environmental Sciences Faculty of Science and Environmental Studies	1 October 2001	28 December 2003
Ministry of Agriculture	Head, Water Quality and Environment Division [Grade 1 open (Q1/J1)] (Secondment)	National Hydraulic Research Institute of Malaysia	1 October 1997	30 September 2001
Universiti Putra Malaysia	Lecturer [A14, A11, A10 (1 June 1995)]	Department of Environmental Sciences Faculty of Science and Environmental Studies	8 May 1989	30 September 1997

F. ANUGERAH DAN HADIAH (Honours and Awards)				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Awards</i>	Scholarship for Masters/PhD degree	Public Services Department	National	1979
	Scholarship for Bachelor degree	Public Services Department	National	1976
<i>Non-Academic Awards</i>				
<i>Awards of Merit</i>				

G. SENARAI PENERBITAN (*List of publications*)*Journal*

Mohamed, A., ZZ Ibrahim, AD Silong, R Abdullah, 2016. Distributed Leadership in a Low-Carbon City Agenda. *Sustainability* 8 (8), 715. doi:10.3390/su8080715

Vaezzadeh, V., M.P. Zakaria, A.T. Shau-Hwai, Z.Z. Ibrahim, S. Mustafa, F. Abootalebi-Jahromi, N. Masood, S. M. Magam, S.A.A. Alkhadher, 2015. Forensic investigation of aliphatic hydrocarbons in the sediments from selected mangrove ecosystems in the West Coast of Peninsular Malaysia. *Marine Pollution Bulletin* 100 (1), 311-320. doi:10.1016/j.marpolbul.2015.08.034

Vaezzadeh, V., M.P. Zakaria, A.T. Shau-Hwai, Z.Z. Ibrahim, S. Mustafa, M. Keshavarzifard, S.M. Magam, S.A.A. Alkhadher, 2015. Source Type Evaluation of Polycyclic Aromatic Hydrocarbons (PAHs) in Surface Sediments from the Muar River and Pulau Merambong, Peninsular Malaysia. *Environmental Forensics*, 16 (2), 135-142. <http://dx.doi.org/10.1080/15275922.2015.1022839>

Hejazi, R., Shamsudin, M.N., Rahim, K.A., Radam, A., Yazdani, S., Ibrahim, Z.Z., Vakilpoor, M.H., Shamsiry, E., 2014. Measuring the economic values of natural resources along a freeway: a contingent valuation method. *Journal of Environmental Planning and Management* 57(4): 629-641.

Jaderi, F., Ibrahim, Z.Z., Jaafarzadeh, N., Abdullah, R., Shamsudin, M.N., Yavari, A.R., Nabavi, S.M.B., 2014. Methodology for modeling of city sustainable development based on fuzzy logic: a practical case. *Journal of Integrative Environmental Sciences* 11(1): 71-91. 10.1080/1943815X.2014.889719

Hejazi, R., Shamsudin, M.N., Radam, A., Rahim, K.A., Ibrahim, Z.Z., Yazdani, S., 2013. Estimation of traffic accident costs: A prompted model. *International Journal of Injury Control and Safety Promotion* 20(2): 152-157.

Azhdari, H., Ibrahim, M., Arshad, A., Shohaimi, S., Ajdari, Z., Ibrahim, Z.Z., 2012. The effect of artificial reefs on fish assemblage versus natural sites in the Bandar Lengeh-Iran. *Iranian Journal of Fisheries Sciences* 11(1): 1-12

Farzingohar M., Z. Z. Ibrahim and M. Yasemi, 2011. Oil spill modeling of diesel and gasoline with GNOME around Rajaei Port of Bandar Abbas, Iran. *Iranian Journal of Fisheries Sciences*, 10 (1): 35-46.

Al-Shuely, W.M., Z.Z. Ibrahim, W.N. Sulaiman and M.I. Yaziz, 2010. Characterization of beach sedimentary environments in the Batinah region, Oman. *Journal of Environmental Science and Technology* 3 (2): 89-100.

Jusoh, W.F.A.W., N.R. Hashim and Z. Z. Ibrahim, 2010. Firefly distribution and abundance on mangrove vegetation assemblages in Sepetang estuary, Peninsular Malaysia. *Wetlands Ecology and Management* 18 (3): 367-373.

Jusoh, W.F.A.W., N.R. Hashim and Z. Z. Ibrahim, 2010. Distribution and Abundance of *Pteroptyx* Fireflies in Rembau-Linggi Estuary, Peninsular Malaysia. *EnvironmentAsia* 3 :56-60.

	<p>Al-Shuely, W., Z.Z. Ibrahim, A. Al-Kindi, S. Al-Saidi, T. Khan, F.A. Marikar and M. Al-Busaidi, 2009. Heavy metals contents on beach sediments north and south of Sohar industrial area, Oman. <i>Journal of Environmental Science and Technology</i> 2 (2): 73-79.</p> <p>Pourvakhshouri, S.Z., Mansor, S.B., Ibrahim, Z.Z., 2006. Oil spill management through a decision support system. <i>Sea Technology</i> 47(4): 53-57.</p> <p>Ibrahim, Z.Z., Yanagi, T., 2006. The influence of the Andaman Sea and the South China Sea on water mass in the Malacca Strait. <i>Mer</i> 43-44 (1-4): 33-42.</p> <p>Marghany, M., Ibrahim, Z., Van Genderen, J., 2002. Azimuth cut-off model for significant wave height investigation along coastal water of Kuala Terengganu, Malaysia. <i>International Journal of Applied Earth Observation and Geoinformation</i> 4(2): 147-160</p> <p>Ibrahim, Z.Z., Moi, L.S., Abdullah, R., Arshad, A., 1996. Classification of Malaysian estuaries for development planning. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> 6(4): 195-203</p> <p>Nelson, B.W., Sasekumar, A., Ibrahim, Z.Z., 1994. Neap-spring tidal effects on dissolved oxygen in two Malaysian estuaries. <i>Hydrobiologia</i> 285(1-3): 7-17</p>
<i>Books/Monographs</i>	
<i>Chapter in book</i>	<p>Ibrahim, Z.Z., Arshad, A., Chong, L.S., Bujang, J.S., Theem, L.A., Abdullah, N.M.R., Marghany, M.M., 2000. East Coast of Peninsular Malaysia, In Charles Shepard (ed.) <i>"Seas at the millennium: an environmental evaluation"</i> - Volume 2 pp. 345-359. Pergamon Press.</p>
<i>Proceedings</i>	<p>Tarmidi, Z., ARM Shariff, AR Mahmud, ZZ Ibrahim, AH Hamzah, 2016. Exploratory study on Marine SDI implementation in Malaysia. <i>IOP Conference Series: Earth and Environmental Science</i> 37 (1), 012014. doi:10.1088/1755-1315/37/1/012014.</p> <p>Vaezzadeh, V., M.P. Zakaria, S. Mustafa, Z.Z. Ibrahim, A.T. Shau-Hwai, M. Keshavarzifard, S.M. Magam, N. Masood, 2014. Chapter 81. Distribution of polycyclic aromatic hydrocarbons (PAHs) in sediment from Muar River and Pulau Merambong, Peninsular Malaysia. In, A.Z. Aris, T.H. Tengku Ismail, R. Harun, A.M. Abdullah, M.Y. Ishak (eds), <i>From Sources to Solution</i>, Springer Singapore, Singapore. pp.451-455. doi:10.1007/978-981-4560-70-2_81</p> <p>Ibrahim, Z.Z. 2007. Academic and Research Sector Programmes and Initiatives. In (Ann Anton, Lee Jin, Low Kwai Sim, Salmah Zakaria, Farrah Anis Fazliatul Adnan, Salmah Md Soom, eds) <i>Integrated Water Resources Management in Malaysia : Experiences and Practices- Proceedings of the 1st Malaysian Water Forum</i>. Global Water Partnership Southeast Asia - Malaysian Water Partnership, Kuala Lumpur. pp158-164.</p> <p>Abdul Hamid, Z.Z. Ibrahim, Wan Nor Azmin Sulaiman and Mohd. Kamil Yusoff, 2007. Event Monitoring to Characterize the Pollutants from the Sg Lui Catchment. In (Ann Anton, Lee Jin, Low Kwai Sim, Salmah Zakaria, Farrah Anis Fazliatul Adnan, Salmah Md Soom, eds) <i>Integrated Water Resources Management in Malaysia : Experiences and Practices- Proceedings of the 1st Malaysian Water Forum</i>. Global Water Partnership Southeast Asia - Malaysian Water Partnership</p>

	<p>Kuala Lumpur. pp.183-189.</p> <p>Norhabina Abd Aris and Z.Z. Ibrahim, 2007. The Relationship between Water Quality and Discharged in the Langat River. In (Ann Anton, Lee Jin, Low Kwai Sim, Salmah Zakaria, Farrah Anis Fazliatul Adnan, Salmah Md Soom,eds) Integrated Water Resources Management in Malaysia : Experiences and Practices- Proceedings of the 1st Malaysian Water Forum. Global Water Partnership Southeast Asia - Malaysian Water Partnership, Kuala Lumpur. Pp190-197.</p> <p>Pourvakhshouri, S.Z., Mansor, S.B., Ibrahim, Z.Z., Daud, M., 2004. Management of oil spills in Malaysia marine environment through a decision support system. Ocean '04 - MTS/IEEE Techno-Ocean '04: Bridges across the Oceans – Conference Proceedings 3: 1482-1485</p>
<p><i>Other publications</i></p>	<p>Zelina Z. Ibrahim, Mohd. Pauzi Zakaria, Norhayati Mohd. Tahir, Norliza Ismail, Abd. Muhaimin Amiruddin, Khairiyah Abd. Rahim and Sutarji Kasmin, 2011. Bay of Bengal Large Marine Ecosystem, Malaysia National Report on Coastal Pollution Loading and Water Quality Criteria. Report Commissioned by Bay of Bengal Large Marine Ecosystem Project, FAO.</p> <p>Ibrahim, Z.Z., 2011. Environmental Flow in "Review of National Water Resources Study Report". In association with Ranhill Sdn Bhd. Report Commissioned by Drainage and Irrigation Department, Ministry of Natural Resources and Environment Malaysia.</p> <p>Low Kwai Sim, Zaharah Hj. Mahmud, Norsuriana Bte Abdul Kathir, Lai Ed Na, Jamie Chong, Tan Hui Lin, Zelina Zaiton Ibrahim and Shafina Binti Sabaruddin, 2010. Chapter 5 Runoff Quality And Related Studies In "Stormwater Management and Drainage Masterplan Study For Kangar, Arau And Padang Besar, Perlis". In association with G&P Professionals Sdn Bhd and ASPEC Sdn Bhd. Report commissioned by Drainage and Irrigation Department, Ministry of Natural Resources and Environment Malaysia.</p> <p>Ibrahim, Z. Z., 2008. Report on 15th Meeting of ISO/TC 207 Environmental Management, Bogota, Colombia, 21-28 June 2008. Report to Standards and Research Institute of Malaysia.</p> <p>Ibrahim, Z. Z., 2007. Methodology and Criteria for the Determination of Environmental Flows, Best Management Projects, National Study For the Effective Implementation of IWRM In Malaysia . In association with ASPEC Sdn. Bhd. and Dr Nik Associates. Report commissioned by Economic Planning Unit.</p> <p>Ibrahim, Z. Z., and others, 2007. The Development of a Coastal Risk Index (CORRI) for Assessing the Impact of Water Pollution on the Productivity of Natural Coastal Resources. Report commissioned by National Hydraulic Research Institute of Malaysia.</p> <p>Bokosal, W., Z.Z. Ibrahim, and others, 2007. Report of the Regional Workshop on Mainstreaming Gender in Integrated Water Resources Management in Southeast Asia, 26-29 November 2007, Siem Reap, Kingdom of Cambodia, CamboNet and Cambodia National Mekong River Committee. Workshop Report to Aquajaring, CapNet.</p> <p>Ibrahim, Z.Z., 2006. The Development of a Simple Catchment and Coastal Pollutant Load Model, Poster, Pameran Rekacipta, Penyelidikan dan Inovasi UPM 2006. (Gold Medal)</p>

	Ibrahim, Z.Z., and T. Yanagi, 2006. Seasonal Variations in Water Mass Properties in the South China Sea and Associated Water Bodies, Poster, Pameran Rekacipta, Penyelidikan dan Inovasi UPM 2006. (Silver Medal)
Computer software	

H. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
03-01-12-1664RU	Application of Multi Criteria Decision Making Analysis Models for Coastal Hazards Management.	Project leader	2012-2014	MOHE RUGS6	Completed
03-04-11-1477RU	Development of an Artificial Neural Network Model for Coastal Hazards Management	Project leader	2011-2013	MOHE RUGS4	Completed
04-01-04-SF0687	Development of a Three Dimensional Numerical Model of the Strait of Malacca for Simulating Pollutant Flushing Capacity	Project leader	2006-2011	MOSTI	Completed
04-01-04-SF0688	Forecasting Land-Based Pollution Loads to Estimate Marine Pollution in the Malaysian Seas to the Year 2020	Project leader	2006-2011	MOSTI	Completed
	Development of a Coastal Resources Risk Index (CORRI) for Assessing the Impact of Water Pollution on the Productivity of Natural Coastal Resources	Project Leader, Coastal Specialist	2005-2007	National Hydraulic Research Institute of Malaysia	Completed
03/01/07 0052RU	Determination of Event Mean Concentration (EMC) Values of Periurban Catchments for Application in the Malaysian Stormwater Design Manual (Manual Saliran Mesra Alam, MSMA)	Project leader		MOHE-RUGS	Completed