



CURRICULUM VITAE

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

Nama Penuh <i>(Full Name)</i>	Wan Lutfi bin Wan Johari	Gelaran <i>(Title)</i> : Dr.
No. MyKad / No. Pasport <i>(Mykad No. / Passport No.)</i>	Warganegara <i>(Citizenship)</i> Malaysian	Bangsa <i>(Race)</i> Malay
Jawatan <i>(Designation)</i> Pensyarah Kanan		Jantina <i>(Gender)</i> Male
	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>
	Dept. of Environmental Sciences, Faculty of Environmental Studies, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor Tel: 03-89468075 Fax: 03-89438109	E-mail: wanlutfi@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>
BS	The Ohio State University	2003	Civil Engineering
MS	Cornell University	2007	Civil & Environmental Engineering
PhD	Cornell University	2012	Civil & Environmental Engineering

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					✓
Bahasa Melayu					✓
Chinese					
Lain-lain <i>(other):</i>					

D. PENGALAMAN SAINTIFIK DAN PENGGHUSUSAN <i>(Scientific experience and Specialisation)</i>				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
Georgia Institute of Technology, Atlanta Georgia USA	Visiting Researcher	August 2011	September 2011	
American Chemical Society	Member	2012	Current	
Persatuan Pegawai Akademik Universiti Putra Malaysia	Member	2012	Current	
Board of Engineers Malaysia (BEM)	Graduate Engineer (Member)	2005	Current	

E. PEKERJAAN <i>(Employment)</i>				
<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	Senior Lecturer	Dept. of Environmental Science, Faculty of Environmental Studies.	Feb 2012	Current
Universiti Putra Malaysia	Tutor	Dept. of Environmental Science, Faculty of Environmental Studies.	Nov 2004	Feb 2012

F. ANUGERAH DAN HADIAH <i>(Honours and Awards)</i>				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Awards</i>	Outstanding Performance in Undergraduate Studies	Malaysian Embassy to USA	Malaysian Ambassador's Award	2003
<i>Non-Academic Awards</i>	Strategic Environmental Research and Development Program (SERDP) Environmental Restoration	SERDP	Project-of-the-Year Award	2010

G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (*List of publications – author (s), title, journal, volume, page and year published*)

Google Scholar

Citations: 116

H-index: 6

Mass transfer model of nanoparticle-facilitated contaminant transport in saturated porous media. **Wan Lutfi Wan Johari**, Peter J. Diamesis, Leonard W. Lion. *Water Research*. 2010. 44:1028-1037. doi:10.1016/j.watres.2009.03.033

Baseline metals pollution profile of tropical estuaries and coastal waters of the Straits of Malacca. Looi Ley Juen, Ahmad Zaharin Aris, Fatimah Md. Yusoff, Zailina Hashim, **Wan Lutfi Wan Johari**. *Marine Pollution Bulletin*. 2013. 74(1):471-476

Kinetics of Molybdenum Reduction to Molybdenum Blue by *Bacillus* sp. strain A.rzi. Ahmad Razi Othman, Nurlizah Abu Bakar, Mohd Izuan Effendi Halmi, **Wan Lutfi Wan Johari**, Siti Aqlima Ahmad, Hussain Jirangon, Mohd Arif Syed and M. Yunus Shukor. *BioMed Research International*. 2013.

The development of a specific inhibitive enzyme assay for the heavy metal lead. Ahmad SA, MIE Halmi, Wasoh MH, **Johari WLW**, Shukor MY, Syed MA. *Journal of Environmental Bioremediation & Toxicology*. 2013. 1(1):9-13

Inhibitive bacterial MTT assay for river monitoring of heavy metals. Ahmad F, Halmi MIE, baskaran G, **Johari WLW**, MY Shukor, Syed MA. *Bioremediation Science and Technology Research*. 2013.1(1):1-17.

Monitoring of heavy metals level in fish using *Photobacterium* sp. strain MIE. MIE Halmi, **Johari WLW**, Amir S, Sulaiman R, Azlina A, Shukor MY, MA Syed. *Bioremediation Science and Technology Research*. 2013.

A novel method for the determination of mercury in herbal preparation using an inhibitive assay based on the protease papain. Wahab SMA, Gunasekaran B, Shahrudin NA. **Johari WLW**, Halmi MIE, Said NAM, Abd Shukor MY, Masdor NA. *Journal of Environmental Microbiology and Toxicology*. 2013. 1(1):1-4

Growth kinetics of a diesel-degrading bacterial strain from petroleum-contaminated soil. FA Dahalan, I Yunus, **WLW Johari**, MY Shukor, MIE Halmi, NA Shamaan, MA Syed. *Journal of Environmental Biology*. 2014. 35(2):399-406

Assessment of Acetylcholinesterase from *Channa micropeltes* (Cuvier 1831) as a source of enzyme for insecticides detection. Mohd Sha Aidil Sharif, Mohd Izuan Effendi Halmi, Amir Syahir, **Wan Lutfi Wan Johari** and Mohd Yunus Shukor. *International Journal of Agriculture & Biology*. 2014. 16:389-394

Comparison of Microtox® and Xenoassay® LIGHT as a near-real-time river monitoring assay for heavy metals. MIE Halmi, J Hussain, **WLW Johari**, Abdul Rachman AR, MY Shukor, MA Syed. *The Scientific World Journal*. 2014.

Biodecolorization of Azo Dyes by Microorganisms Isolated from Serdang and Merambong soils. **Wan Lutfi Wan Johari**, Norhusna Ghazali, Mohd Yunus Abd Shukor. *Bioremediation Science & Technology Research*. 2014.

Modeling the growth curves of *Acinetobacter* sp. strain DRY12 grown on diesel. Halmi MIE, Shukor MS, **Johari WLW**, Shukor MY. *Journal of Environmental Bioremediation & Toxicology*. 2014. 2(1): 33-37.

Evaluation of several mathematical models for fitting the growth of the algae *Dunaliella tertiolecta*. MIE Halmi, MS Shukor, **WLW Johari**, MY Shukor. 2014. *Asian J Plant Biol*. 2(1): 1-6.

Kinetics of diesel degradation by an acrylamide-degrading bacterium. 2014. SA

	<p>Ahmad, KNEK Ahamad, WLW Johari, MIE Halmi, MY Shukor. Rendiconti Lincei. 25(4): 505-512.</p> <p>Development of a bacterial-based tetrazolium dye (MTT) assay for monitoring of heavy metals. 2014. MI Halmi Wasoh, WJ Wan Lutfi, A Syahir, AS Mohd Yunus. Int J Agri Biol. 16(6): 1123-1128.</p> <p><i>Klebsiella sp.</i> FIRD2, a TBT-resistant bacterium isolated from contaminated surface sediment along Strait of Johor Malaysia. 2015. A Abubakar, MB Mustafa, WLW Johari, SZ Zulkifli, A Ismail. Marine pollution bulletin.</p> <p>Potential tributyl-tin (TBT) biodegradation agent in contaminated sediment. 2015. F Mohamat-Yusuff, K Sien, WLW Johari, A Ismail. The Malaysian Nature Journal. 66(1):13</p> <p>Characterization and growth kinetics studies of caffeine-degrading bacterium <i>Leifsonia sp.</i> strain SIU. 2015. S Ibrahim, MY Shukor, MA Syed, WLW Johari, SA Ahmad. Annals of Microbiology. 1-10.</p> <p>Heavy metals biomonitoring via inhibitive assay of acetylcholinesterase from <i>Periophthalmodon schlosseri</i>. MK Sabullah, MR Sulaiman, MS Shukor, MT Yusof, WLW Johari, MY Shukor, A Syahir. Rediconti Lincei. 2015. 26(2) 151-158.</p> <p>The occurrence and analysis of bisphenol A (BPA) in environmental samples – a review. 2015. FM Ghazali, WLW Johari. Journal of Biochemistry, Microbiology and Biotechnology. 3(2):30-38</p> <p>Modelling the kinetics of hexavalent molybdenum (Mo^{6+}) reduction by the <i>Serratia asp.</i> strain MIE2 in batch culture. 2016. MIE Halmi, SRS Abdullah WLW Johari, MSM Ali, NA Shahaaruddin, A Khalid, MY Shukor. 1-11.</p> <p>Optimization and maximization of hexavalent molybdenum reduction to Mo-blue by <i>Serratia asp.</i> strain MIE2 using response surface methodology. MIE Halmi, SRS Abdullah, H Wasoh, WLW Johari, MSM Ali, NA Shahaaruddin, MY Shukor. 2016. 1-13</p> <p>Enhanced caffeine degradation by immobilized cells of <i>Leifsonia sp.</i> strain SIU. 2016. S Ibrahim, MY Shukor, MA Syed, WLW Johari, NA Shamaan, MK Sabullah, SA Ahmad. The Journal of General and Applied Microbiology. 62(1):18-24</p> <p>Isolation, identification and diesel-oil biodegradation capacities of indigenous hydrocarbon-degrading strains of <i>Cellulosimicrobium cellulans</i> and <i>Acinetobacter baumannii</i> from tarball at Terengganu beach, Malaysia. 2016. BM Nkem, N Halimoon, FM Yusoff, WLW Johari, MP Zakaria, SR Medipally, N Kannan. Marine Pollution Bulletin. 107(1):261-268</p> <p>Performance assessment of centrifuge dewatering unit using multivariate statistical approach: a case study of a centralized sludge treatment facility (CSTF) in Malacca Malaysia. 2016. S Rahmat, FM Kusin, WL Wan Johari. Desalination and Water Treatment. 57(9):3904-3915.</p> <p>Characterisation and growth kinetics studies of caffeine-degrading bacterium <i>Leifsonia sp.</i> strain SIU. 2016. S Ibrahim, MY Shukor, MA Syed, WLW Johari, SA Ahmad. Annals of Microbiology. 66(1):289-298.</p> <p>Tributyltin (TBT) tolerance of indigenous and non-indigenous bacterial species. 2016. A Abubakar, MB Mustafa, WLW Johari, SZ Zulkifli, FBM Yusuff. Water Air & Soil Pollution. 227(8):1-8.</p>
--	--

<i>Books/Monographs</i>	Wan Lutfi Wan Johari , Khairul Nizam Mohamed, Faradiella Mohd. Kusin and Zulfa Hanan Asha'ari (eds.). 2012. <i>Water Quality and Waste Management</i> . Serdang: UPM Press. ISBN: 978-967-344-324-6
<i>Chapter in book</i>	<p>Wan Lutfi Wan Johari, Mariani Ho, Fazrul Razman Sulaiman, Kamaruddin Shamsuddin and Azharul Sham Hamsah, "Islam Hadhari and the Environment" in Mad Nasir Shamsuddin, Mohd. Ibrahim Mohamed, Wan Nor Azmin Wan Sulaiman, Mohammad Ismail Yaziz , Hafizan Juahir and Mohd. Nasir Hassan (eds.). 2006. <i>Selected Essays in Environmental Sciences and Management: Towards A Sustainable Tropical Environment</i>, Serdang: UPM Press. 80-112.</p> <p>Mariani Ariffin, Watt Theng Hon, Wan Lutfi Wan Johari, Mohd Shafiq Adnan, "Chlorination Disinfection Byproducts (DBPs): A review of Malaysian Drinking Water Policy and Consumers' Perception" in AZ Aris, TH Tengku Ismail, R Harun, AM Abdullah, MY Ishak (eds.). 2014. <i>From Sources to Solution</i>. Springer Singapore. 421-425</p> <p>Wan Lutfi Wan Johari, Razlin Izwan Mohd Isa, Norhusna Ghazali, Noorliza Mat Arif, Mohd Yunus Abd Shukor, "Decolorization of Azo Dyes by Local Microorganisms" in AZ Aris, TH Tengku Ismail, R Harun, AM Abdullah, MY Ishak (eds.). 2014. <i>From Sources to Solution</i>. Springer Singapore. 357-361</p>
<i>Patent</i>	Mohd Yunus Abd Shukor, Wan Lutfi Wan Johari , Mohd Izuan Effendi Halmi. 2014. Bioassay for the Detection of Xenobiotics. PI2014703241.

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>
03-02-12-1859RU	Analysis and Occurrence of Monitored and Emerging Disinfection Byproducts in Malaysian Water Treatment Plant	Principal Investigator	2012 – 2014	RUGS	Finished
FRGS/1/2012 /STWN01/UPM/02/2	Characterization of Emerging Disinfection Byproducts in Water Formed by Halogenation of an Endocrine Disruptor Chemical	Principal Investigator	2013 – 2015	FRGS	Finished
GP-IPM/2013/	Isolation and Characterization of Petroleum-degrading microorganisms from Antarctic Contaminated Soils	Principal Investigator	2014-2015	GP-IPM	Finished
GIPP/9323618	Accomplishment of Student Learning Outcomes through Short Quizzes	Principal Investigator	2012 - 2014	GIPP	Finished

I. ID PUBLISHING (<i>Publishing ID</i>)		
	Author ID	Name
Scopus	36096786700	Wan Lutfi Wan Johari
ORCID	0000-0001-8607-7620	Wan Lutfi Wan Johari
Web of Science ID		
Researcher ID		
Others		

J. RANGKAIAN SOSIAL (<i>Social Networking</i>)	
Facebook	
LinkedIn	
Researchgate	
Academia	
Google Scholar	
Blog	
Website url	
Others	