

Date of Birth: 19 December 1982

Place of Birth: Kuala Lumpur

Current Residence:

No 5, Jalan Haji Omar 2/6,
Seksyen 2 D'Mahsuri, Desa Putra,
43000 Sg Merab, Kajang,
Selangor Darul Ehsan

Hand phone No.: 012-6650811

Marital Status: Married



ZAIRUL AIN BINTI ZULKAFLLI

zairul.ain@moh.gov.my

Career Focus

To be an expert in environmental health aspect with specialization in risk and emergency management

Education

UNIVERSITI TEKNOLOGI MALAYSIA, 2005

Bachelor in Civil Engineering – Environment (Hons.)

Grade : Second Class Upper, CGPA : 3.40/4.00

Thesis : Potential Reuse of Waste Water in Industry – Pasir Gudang Industrial Area (Zone A)

UNIVERSITI PUTRA MALAYSIA, 2016

Master Emergency Response and Planning

CGPA : 3.78

Thesis : Development of Disaster Action Plan for Hospital in Malaysia Pertaining to Critical Engineering Infrastructure Risk Analysis

Professional Experience

PUBLIC HEALTH ENGINEER (SEPTEMBER 2016 – PRESENT)

Principal Assistant Director, J48

Section of National Environmental Health Action Plan (NEHAP),

Engineering Services Division, Ministry of Health

HOSPITAL OPERATION ENGINEER (SEPTEMBER 2012 – SEPTEMBER 2016)

Principal Assistant Director, J48

Engineering Unit (Hospital Support Services),

Selangor Health Department, Ministry of Health

PUBLIC HEALTH ENGINEER (APRIL 2011 – SEPTEMBER 2012)

Senior Assistant Director, J44

Unit of Environmental Engineering, Planning Branch,

Engineering Services Division, Ministry of Health

PUBLIC HEALTH ENGINEER (APRIL 2008 – APRIL 2011)

Assistant Director, J41

Unit of Rural Water Supply & Environmental Sanitation Programme (BAKAS),

Environmental Control Section,

Engineering Services Division, Ministry of Health

PUBLIC HEALTH ENGINEER (APRIL 2006 – APRIL 2008)

Assistant Director, J41

Engineering Unit,

Kelantan State Health Department, Ministry of Health

ASSISTANT PLANNING ENGINEER (NOVEMBER 2005 – APRIL 2006)

Zelan Construction Sdn Bhd

Project Base : Tg Pelepas Port, Gelang Patah, Johore

Skills

Computers : Microsoft Office, Microsoft Project, Microsoft Visio, Microsoft Access, Open Office, Visual Basic, AutoCAD & SPSS IBM 21

Languages : Excellent in writing and spoken in Bahasa Malaysia
Fairly good in writing and spoken in English**Contributions**

- Committee Member (Presenter & Auditor) of Accreditation for Engineering Unit, Public Health Division, Kelantan State Health Department (2006)
- Secretariat of QA Convention - Master of Ceremony (2006)
- Coordinator of MS ISO 9001: 2000, represent Engineering Unit, Public Health Division, Kelantan State Health Department (2007)
- IT Committee of Engineering Services Division (2008 – 2012)
- Secretary of PTK-CPD Committee Members, Public Health Engineering Discipline (2009 – 2014)
- Supervisor on Healthy Meal Preparation, represent Engineering Services Unit (2009 – 2012)
- Course Committee for Drinking Water Safety Plan Water Supply System (11-15 April 2010)
- Secretariat on World Toilet Day Exhibition at the National Level (21-23 November 2010)
- Secretariat on Introduction of the Committee of Environmental Health Engineering for Public Health Engineer (23-24 November 2010)
- Training Committee of Engineering Services Division (2011-2012)
- Committee of J/K Pelaksana PTK-CPD of Engineering Services Division (2011-2012)
- Secretariat of KPI for Engineering Services Division (2011-2012)
- Committee of Majlis Bersama Jabatan, Selangor State Health Department (2013)
- Chief Editor of Selangor State Health Department Report (2013)
- Auditor Pre-Accreditation of Standard 3 – Facility & Biomedical Equipment & Safety
- Committee of J/K Pelaksana CPD Jurutera (2014)

Professional MembershipRegistered Engineer, Board of Engineers Malaysia (BEM) 65230A
Registered Member of Institution of Engineers Malaysia (IEM)**Professional Course Attended (related to Environmental Health)**

- Course on Sanitary Survey for Water Supply System, 2006
 - Indoor Air Quality Courses Assessor, 2006
 - International On Beach Water Quality Workshops & Tourism In Southeast Asia: What Role For Public Information Programs?, 2007
 - National Seminar On Cooperation Program With State Government Of Denmark For Integrated Project River Basin Management (IRBM), 2007
 - Environmental Health Forum, 2007
 - 3rd International Forum Water Environment Partnership In Asia (WEPA), 2008
 - Basic Rural Infrastructure Lab, 2009
 - New Tools For Training Consumer Watch Parameter & Values Survey Water Swimming Pool, 2009
 - National Seminar On Domestic Drinking Water Filters Usage In Malaysia; Prevalence & Perspectives, 2009
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- Asia Seminar On Water Resources Management (AWARE 2010), 2010
 - Course On Water Safety Plan For Water Supply System Drinking, 2010
 - Groundwater Workshop For Development And Supply Domestic, Agricultural & Industrial Uses: Use Conjunctive, 2010
 - CPD Activity: Briefing on Acculturation Recycling Practices, 2010
 - CPD Activity: Parameter-Parameters For Water Quality Assessment, 2010
 - Course on Waste Management (Construction and Demolition Waste), 2011
 - Water Quality Forum, 2011
 - Course on Environmental Toxicology and Epidemiology, 2011
 - 9th Annual Conference Waste Management , 2011
 - Workshop on User Training of Health Risk Assessment Guideline for Waste Management (2012)
 - Recycling International Conference in Shanghai (2013)
 - Training on Maintenance and Operation of Sewerage Treatment Plan (2014)
 - Seminar on Disaster Contingency and Recovery for Manek Urai (2015)
 - Course on Water Life Saving (2015)
 - Course on Disaster Management (2015)
 - 1st International Table Top Exercise and Communication in Disaster Medicine (2015)
 - Search & Rescue Exercise (SAREX) LIMA (2015)
 - Sanitation Safety Plan Workshop (2016)

Publication

- Reference: IJDRR_2016_223
- Title: Development of a Disaster Action Plan for Hospitals in Malaysia Pertaining to Critical Engineering Infrastructure Risk Analysis
- Journal: International Journal of Disaster Risk Reduction

Referees

1. Tuan Haji Md Jalal Bongkik
Director
Engineering Services Division
Ministry of Health, Malaysia
Tel. No. : 03-8892 4888
Fax No. : 03-8892 4855
 2. YM Engku Azman Tuan Mat
Senior Deputy Director
Regulatory Branch, Engineering Services Division
Ministry of Health, Malaysia
Tel. No. : 03-8892 4666
Fax No. : 03-8892 4855
 3. Associate Professor Rimfiel Janius
Faculty of Engineering
Universiti Putra Malaysia
Tel. No: 03-8946 6418
H/P No.: 016-6236905
janius@upm.edu.my
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