



CONSULTATION, RESEARCH AND DEVELOPMENT DEPARTMENT

TECHNICAL EXPERT PROFILE



- Name : Fadzil Bin Osman
- Designation : Technical Expert I (Principle Consultant/ Principle Researcher)
- Email Address : fadzil@niosh.com.my
- Professional Competencies :
- Certified Professional Industrial Hygienist (CPIH-007)
 - Australian Certificate IV in Training and Assessment (TA406003)
 - Chemical Health Risk Assessor (JKKP IH 127/171 – 2 (86)
 - Hygiene Technician for Chemical Monitoring and Testing of Engineering Control Equipment (JKKP IH 127/171 – 3(19)
- Education :
- MSc. Occupational Hygiene (2002), University of Aberdeen, Scotland, U.K.
 - Post Graduate Diploma Industrial Safety Management. (1999), Universiti Kebangsaan Malaysia
 - BSc. Industrial Engineering (1990), Wichita State University, Kansas, U.S.A.
 - Diploma Usuluddin (2017), Kolej Dar Al Hikmah, Malaysia

- Professional Experience :
- Part-time Occupational Hygiene Lecturer for Master of Occupational Safety and Health Risk Management at Open University Malaysia since 2012
 - Part-time Occupational Hygiene Lecturer for Master of Occupational Safety and Health Management at University Utara Malaysia since 2007
 - Chairman of Technical Committee on Safety of Machinery (TC/W/1) SIRIM Berhad
 - Member of Industrial Standard Committee on Occupational Safety and Health, (ISC-W) SIRIM Berhad
 - Advisory Board for Diploma in Engineering Technology (Occupational Safety and Health), TATI University College (1 February 2016 – 31 January 2017)
 - Industrial Advisory Panel for Mechanical Engineering Faculty, University Technology Malaysia (1 Nov 2015 – 31 Oct 2017)
 - Expert Panel for Diploma and Bachelor of Science Industrial Hygiene Technology and Safety University Teknologi MARA (May 2014 – May 2016)
 - Vice President, Malaysia Industrial Hygiene Association (2003 – 2005)
- Research / Publications / Seminar & Conference Presentation :
- Siti Fardaniah Abdul Aziz, **Fadzil Osman**. Does compulsory training improve occupational safety and health implementation? The case of Malaysian. Safety Science 111 (2019) 49–66
 - Siti Fardaniah Abdul Aziz, **Fadzil Osman**, & Jamiah Manap. Training program to change attitude towards safety and health: A Quasi-experiment among the Malaysian's Youth. Advanced Science Letters Vol. 24 (7), pp. 4896–4899 (2018).
 - Mohd Rafee B. Baharuddin, Ismail B. Sahid, Mohamad Azhar B. Mohd. Noor, Norela Sulaiman & **Fadzil Osman**. Pesticide risk assessment: A study on inhalation and dermal exposure to 2,4-D and paraquat among Malaysian paddy farmers. Journal of Environmental Science and Health, Part B : Pesticides, Food Contaminants, and Agricultural Wastes. Volume 46, 2011 - Issue 7
 - Abdul Mutalib Leman, **Fadzil Osman**, Abdul Rahman Omar. Occupational Safety and Health Training programme: A Malaysian Perspective. Asian-Pacific Newsletter on Occupational Health and Safety 2010;17:12–3
 - Norbrilliant binti Mokhtar, **Fadzil bin Osman**, Ismail bin Sahid, Mardiana Idayu binti Ahmad. Exposure to the Organophosphate (Chlorpyrifos) Among Workers in Lime Orchard. Malaysia Labour Review Vol.1, No.2, 2007
 - Mohd Rafee B.B, Ismail BS, Norela S. and **Fadzil O..** Occupational exposure assessment and health effects among pesticides operators in the IADP Kerian.

Malaysian Journal of Public Health Medicine. Vol 7 (Supp.3). 29-30. 2007

- **Fadzil O.**, Ismail S., Mardiana I.A. and Norbrilliant M. Study on Concentration of Pesticide Metabolite among Farmers in Kerian Perak. Journal of Occupational Safety and Health Dec 2006 Vol.3, No. 2.1
- Co-writer "Organic Solvent and Occupational Health" book. Publish by NIOSH- JICA Project. 2003
- Co-writer "Organic Solvent Exposure and Its Health Effect to Workers" Report. Publish by NIOSH- JICA Project. 2003
- Editor "Personal Protective Equipment Reference for Right Selection, Maintenance and Handling", booklet. Publish by NIOSH. 2003
- Editor "Amalan yang Betul Menggunakan Kelengkapan Pelindung Diri", booklet. Publish by NIOSH. 2003
- Developing A Glossary Of Important Terms And Phrases In Industrial Hygiene for OSH Bilingual Terminology Using Corpus Lexicography Technolog. 4th Scientific Conference on Occupational Safety and Health (Sci-COSH). 14-17 November 2016.. Pesada Convention Centre, Johor Bahru, Malaysia
- NIOSH Role Toward Enhancing OSH in Construction. National OSH Seminar, 17 December 2014, Putrajaya
- Iceberg Theory as Guide to Approach Management towards OSH. 3rd Borneo Occupational Safety and Health (BOSH) Conference. 16-17 June 2013.. The Magellan Sutera Resort, Kota Kinabalu, Sabah
- Transforming Work Environment by Investing in Safety and Health, 15th Conference and Exhibition on Occupational Safety and Health (COSH). 2-4 September 2012, Kuala Lumpur
- ASEAN Occupational Safety and Health. ASETUC National Advocacy Workshop. 8th June 2010. Kuala Lumpur
- Strengthening the Employment and Employability through Occupational Safety and Health Enhancement. 6th August 2009. Job Street HR Networking Event. Kuala Lumpur
- Indoor Air Quality Assessment. OSH Best Practice at the Workplace Seminar. 7 May 2008, Kucing, Sarawak
- Dust Exposure in Metal Industry. Risk Management of Occupational Asthma Seminar. 17 July 2008. Kemaman, Terengganu
- Direction of Industrial Hygiene Services in Malaysia. 2nd National Industrial Hygiene Conference. April 10th – 11th April 2007. Kuala Lumpur
- Indoor Air Quality and Industrial Hygiene Assessment. Seminar on Occupational Health and Safety Measures at Work: Its Cost and Benefit. 17 March 2007. International Islamic University, Kuantan, Pahang

- Crystalline Silica in Quarry Operation. Q-SHE for Quarrying Business Enhancement Conference. 13-14 November 2006. Kuala Lumpur

Honors/ Award
Membership/ Affiliation

- :
- Member, Malaysian Industrial Hygiene Association,
 - Member, Board of Engineers Malaysia