

CURRICULUM VITEA (CV)

1. PERSONAL DATA

Name : Noor Faizah Fitri Md Yusof
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Current Position : Lecturer (DS51)
Qualifications : Ph.D
Field of specialization : Air Pollution
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2. ACHIEVEMENTS

On going grants: Understanding the intrusion of outdoor PM2.5 to indoor under influence of of weather and design condition in classroom environment, FRGS, RM 97062.00, Noor Faizah Fitri Md Yusof, Nor Azam Ramli, Nurulilyana Sansuddin, 01/08/2016-31/07/2019

Principle Component Analysis And Source Apportionment Of Background Fine Particles (PM2.5) In Malaysia, USM (RU), RM195,400.00, Noor Faizah Fitri Md Yusof, Ahmad Shukri Yahaya, Nor Azam Ramli, Mohd Talib Latif, 15/12/2012-14/12/2016

Completed grants: Modelling The Fluctuational and Transformation Characteristics of Peak Ground Level Ozone in Malaysia Ambient Air, USM (RUI), 117,199.00, 15 Julai 2012 – 14 Julai 2015

Assessment of National PM10 and SO2 Monitoring Network for Industrial Areas in Malaysia, USM (INSENTIF), RM5,000.00, 24/1/2011-23/1/2012 2.

Future Daily PM10 Concertrations Prediction in Malaysia using Artificial Neural Networks, Stochastic Regression and Hybrid Models, USM (RUI), 142,063.00, 15 Julai 2012 – 14 Julai 2015

Low Cost Alternative of PM10 Monitoring Using a Non Federal Equivalent Method (FEM) Instrument, USM (JANGKA PENDEK), RM39,956.00, 1/4/2011-31/3/2013

Monitoring And Modeling Of BTEX In Various Development Statuses In Penang, Malaysia , USM (RU) , RM158,500.00, 1/1/2009-29/2/2012

Estimation of Gaseous Traffic Emissions From Motor Vehicles at Signalised Intersections and Their Effects to Ozone Concentrations, USM (JANGKA PENDEK), RM39,950.00, 15/11/2010-14/11/2012

Prediction of Particulate Matter (PM10) Using Regression Methods, USM (JANGKA PENDEK), RM39,361.00, 15/5/2011-14/5/2013

Studies of Odour Emission from Kerbside Collection of Residential Food Wastes and Control Techniques, USM (JANGKA PENDEK), RM40,000.00, 15/8/2011-14/8/2013

Modelling The Fluctuational and Transformation Characteristics of Peak Ground Level Ozone in Malaysia Ambient Air, USM (RUI), 117,199.00, 15 Julai 2012 – 14 Julai 2015

Reducing Individual Carbon Footprint using Travel Behaviour Modification Technique Towards Sustainable Transportation in Penang, APEX, RM87000.00, Nur Sabahiah Abdul Shukor, Ahmad Farhan Mohd Sadullah, Nastaein Qamaruz Zaman, Noor Faizah Fitri Md Yusof, 1/11/2012-30/4/2015

Graduated students

:MAHER A. Y. ELBAYOUMI, Ph.D, 2014, Assessment of Indoor Air Quality, Thermal Comfort and Health Symptoms in Naturally Ventilated Classrooms, Main supervisor

NORAZIAN BINTI MOHAMED NOOR, Ph.D, 2014, Modified Hybrid Methods for Imputing Missing Values In Particulate Matter (PM10) Concentration, co-supervisor

ZUL AZMI BIN MOHTAR, MSc. 2013, Determination of Coefficient For PM10 Monitoring Using An Optical Direct Reading Instrument And Beta Attenuation Monitor, Main supervisor

NUR BAITUL IZATI BINTI RASLI, MSc. 2016, Comparison of Public and Private Indoor Space in Accordance to Industry Code of Practice (ICOP) for Indoor Air Quality, Main Supervisor

NADIA BINTI DARUS, MSc. 2016, Monsoonal Based Probability Distribution for Prediction of Particulate Matter (PM), Main Supervisor

BENEDETH FLARINE ANAK FRANCIS SAMSAR, MSc. 2014, Monitoring of Indoor

Formaldehyde (HCHO) Concentration From Batik Outlets and Differences of HCHO Levels Between Adult and Children, Main Supervisor

FARAH HANEEM BINTI MD HASHIM, MSc. 2014, Source of Fine Particulate Matter (PM_{2.5}) and the Effects of Meteorological Characteristics on PM_{2.5} Concentration, Main Supervisor

NUR NAJEHAH BINTI MOHD BASRI, MSc. 2014, Monitoring of Formaldehyde and Particulate Matter in Batik Manufacturing Processes and the Abatement Measures, Main Supervisor

NUR SAKINAH BINTI AZHAR, 2014, MSc. A Comparative Study of Fine Particulate Matter (PM_{2.5}) from Quarry and Cleared Land Site, Main Supervisor

SYABIHA BINTI SHITH, MSc. 2013, Principal Component Analysis and Source Apportionment of Fine Particulate Matter (PM_{2.5}) - Case Study of Nilai, Main Supervisor

NUR HASYIMAH BINTI HASHIM, MSc. 2013, Assessment of the Changes in Indoor Formaldehyde Concentration from Textile Industry During and After Business Hour, Main Supervisor

Postgraduate under supervision

:SYABIHA BINTI SHITH, Ph.D, Principle Component Analysis and Source Apportionment of Background Fine Particles (PM_{2.5}) in Malaysia, Main Supervisor

TEH NUR AMALINA BINTI MOHD ZAKI, MSc. Elemental and Morphology Analyses of Fine Particulate Matter in Urban Area of Malaysia, Main Supervisor

Achievements/Awards / Recognitions

:Best Research Award, The Effects of Seasonal Variation on Indoor and Outdoor Carbon Monoxide, Palestine, 2014

Hadiah Sanjungan-Kategori Penerbitan Jurnal, USM, 2012

3. CURRENT RESEARCHS AND PAST RELATED RESEARCHS:

Principle Component Analysis And Source Apportionment Of Background Fine Particles (PM_{2.5}) In Malaysia, USM (RU)

Low Cost Alternative of PM₁₀ Monitoring Using a Non Federal Equivalent Method (FEM) Instrument, USM (JANGKA PENDEK)

Prediction of Particulate Matter (PM₁₀) Using Regression Methods, USM (JANGKA PENDEK)

4. RESEARCH PUBLICATIONS:

Book

Ahmad Shukri Yahaya, Nor Azam Ramli, Fauziah Ahmad, Nurulilyana Sansuddin, Noor Faizah Fitri Md Yusof, 2010, Modeling and Predictions of Air Pollutants Concentrations in Selected Cities, Pusat Pengajian Kejuruteraan Awam, USM, 76

Monograph

Johari, I., Ramli, N.A., Megat Johari, M.A., Muhammad Bunnori, N., Dahlan, I., Abdul Sukor, N.S., Mohd Arif Zainol, M.R.R., Md Yusof, N.F.F., 2012, Compendium of Research Summary, AWAM International Conference on Civil Engineering and Geohazard Information Zonation 2012, Bridging Technologies towards Sustainability and Humanization, School of Civil Engineering, USM, 150

Johari, I., Ramli, N.A., Megat Johari, M.A., Muhammad Bunnori, N., Dahlan, I., Abdul Sukor, N.S., Mohd Arif Zainol, M.R.R., Md Yusof, N.F.F. 2012, Bridging Technologies towards Sustainability and Humanization, School of Civil Engineering, USM, 1015

Journal

Teh Nur Amalina Mohd Zaki, Noor Faizah Fitri Md Yusof*, Syabiha Shith, 2016, Morphology Analysis of Fine Particles in Background Station of Malaysia, Sustainability in Environment, 1, 12-24

Maher Elbayoumi, Nor Azam Ramli*, Noor Faizah Fitri Md Yusof, 2015, Development and comparison of regression models and feedforward backpropagation neural network models to predict seasonal indoor PM2.5-10 and PM2.5 concentrations in naturally ventilated schools, Atmospheric Pollution Research, 6, 1013-1023

Maher Elbayoumi, Nor Azam Ramli*, Noor Faizah Fitri Md Yusof, 2015, Spatial and temporal variations in particulate matter concentrations in twelve schools environment in urban and overpopulated camps landscape, Building and Environment, 90, 157 - 167

Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, Wesam Al Madhoun, 2014, The Effect of Seasonal Variation on Indoor and Outdoor Carbon Monoxide Concentration in Eastern Mediterranean Climate, Atmospheric Pollution Research, 315-324

Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, Wesam Al Madhoun, 2014, Seasonal Variation in Indoor Air Schools Environments and Health Symptoms among students in an Eastern Mediterranean Climate, Human and Ecological Risk Assessment, 184-204

Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, Ahmad Shukri Yahaya, Wesam Al Madhoun, Ahmed Zia Ul-Saufie, 2014, Multivariate methods for indoor PM10 and PM2.5

modeling in naturally ventilated schools buildings, Atmospheric Environment, 11-21

Syabiha Shith, Noor Faizah Fitri Md Yusof, Nor Azam Ramli, 2013, Monitoring of Formaldehyde Concentration at Two Selected Libraries in Universiti Sains Malaysia, Caspian Journal of Applied Sciences Research, 91-97

Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, Wesam Al Madhoun, 2013, Spatial and seasonal variation of particulate matter (PM10 and PM2.5) in Middle Eastern classrooms, Atmospheric Environment, 389–397

Wesam Ahmed Al Madhoun, Nor Azam Ramli, Ahmad Shukri Yahaya, Noor Faizah Fitri Md Yusuf, Nurul Adyani Ghazali, Nurulilyana Sansuddin, 2011, Levels of benzene concentrations emitted from motor vehicles in various sites in Nibong Tebal, Malaysia, Air Quality, Atmosphere & Health, 103-109

Nurulilyana Sansuddin, Nor Azam Ramli, Ahmad Shukri Yahaya, Noor Faizah Fitri MD Yusof, Nurul Adyani Ghazali, Wesam Ahmed Al Madhoun, 2011, Statistical analysis of PM10 concentrations at different locations in Malaysia, Environmental Monitoring and Assessment, 573-588

Nurul Adyani Ghazali, Nor Azam Ramli, Ahmad Shukri Yahaya, Noor Faizah Fitri MD Yusof, Nurulilyana Sansuddin, Wesam Ahmed Al Madhoun, 2010, Transformation of nitrogen dioxide into ozone and prediction of ozone concentrations using multiple linear regression techniques, Environmental Monitoring and Assessment, 475-489

Noor Faizah Fitri Md Yusof, Nor Azam Ramli, Ahmad Shukri Yahaya, Nurulilyana Sansuddin, Nurul Adyani Ghazali, Wesam al Madhoun, 2010, Monsoonal Differences and Probability Distribution of PM10 Concentration, Environmental Monitoring and Assessment, 655-667

Noor Faizah Fitri Md Yusof, Nor Azam Ramli, Ahmad Shukri Yahaya, 2011, Extreme Value Distribution for Prediction of Future PM10 Exceedences, International Journal of Environmental Protection, 28-36

Zul Azmi Mohtar, Noor Faizah Fitri Md Yusof, Nor Azam Ramli, Ahmad Shukri Yahya, 2013, Comparison of Particulate Matter (PM10) Monitoring Using Beta Attenuation Monitor (BAM) and Simple Instrument, International Journal of Engineering and Technology (IJET), Volume 3 No. 3,

Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, 2013, Effects of Seasonal Differences on Particulate Matter in Mediterranean Area, International Journal of Scientific & Engineering Research, Volume 4, Issue 8

Md Yusof, N.F.F., Ramli, N.A., Yahaya, A.S., Sansuddin, N., Ghazali, N.A., Al Madhoun, W.A., 2011, Central fitting distributions and extreme value distributions for prediction of high PM10 concentration, 2nd International Conference on Multimedia Technology, ICMT 2011; Hangzhou; 26 July 2011 through 28 July 2011; Category number CFP1153K-ART; Code 8651, IEEE, 3

Proceeding

Md Yusof, N.F.F, Ramli, N.A., Yahaya, A.S, Sansuddin, N., Ghazali, N.A., Al-Madhoun, W.A., 2010, Central Fitting Distributions and Extreme Value Distributions for Prediction of High PM10 Concentration, UP ICE Centennial Conference on Harmonizing Infrastructure with the Environment, Hangzhou, China, 4

Md Yusof, N.F.F, Ramli, N.A., Yahaya, A.S, 2011, Source Identification of Particulate Matter at Background Station in Jerantut, Pahang, Perubahan Persekitaran di Alam Melayu, Prosiding Seminar Antarabangsa Ke-4, Ekologi, Habitat Manusia dan Perubahan Persekitaran di Alam Melayu, UKM, Malaysia, 7

Mohamed Noor, N., Ramli, N. A., Yahaya A. S., Md Yusof N.F.F, Tan, C. Y., 2011, Prediction of Exceedences Concentration of PM10 in Industrialized Area in Malaysia: A Case Study in Shah Alam, Perubahan Persekitaran di Alam Melayu, Prosiding Seminar Antarabangsa Ke-4, Ekologi, Habitat Manusia dan Perubahan Persekitaran di Alam Melayu, UKM, Malaysia, 6

Mohtar, Z. A., Ramli N. A., Md Yusof N.F.F., Yahaya A. S., 2011, A Study to Determine Low Cost Alternative for PM10 Monitoring using an Optical Direct Reading Instrument, Perubahan Persekitaran di Alam Melayu, Prosiding Seminar Antarabangsa Ke-4, Ekologi, Habitat Manusia dan Perubahan Persekitaran di Alam Melayu, UKM, Malaysia, 4

N. Mohamed N. , M.M.A. Abdullah, Cheng-yau Tan ,N.A. Ramli, A.S. Yahaya, N.F.M.Y.Fitri, 2011, Modelling of PM 10 concentration for industrialized area in Malaysia: A case study in Shah Alam, International Conference on Physic Science and Technology (ICPST), Hong Kong, 7

Mohtar, Z.A., Md Yusof, N.F.F., Ramli, N.A., Yahaya, A.S., 2012, Ambient PM10 Concentration at Primary and Secondary Schools in Prai, Pulau Pinang, Human Habitat and Environmental Transformation, Proceedings 3rd International Conference on Human Habitat and Environment in the Malay World, UKM, Malaysia, 9

Syabiha Shith, Noor Faizah Fitri Md Yusof, Nor Azam Ramli, Farah Haneem Md Hashim, Nur Sakinah Azhar, 2014, Correlations between fine particulate matter (PM2.5) and meteorological parameters in Penang, Human Habitat and Environment, 4th International Conference on Human Habitat & Environment 2014. UKM, Malaysia, 7

Benedeth Flarine Francis Samsar, Noor Faizah Fitri Md Yusof, Nor Azam Ramli & Nur Najehah Mohd Basri, 2014, Monitoring of Formaldehyde (HCHO) Concentration During Business and Non – Business Hours at Batik's Outlet, Human Habitat and Environment, 4th International Conference on Human Habitat & Environment 2014. UKM, Malaysia, 6

Nur Najehah Mohd Basri, Noor Faizah Fitri Md Yusof, Nor Azam Ramli & Benedeth Flarine Francis Samsar, 2014, Formaldehyde Concentration in Batik Manufacturing Processes in Kota Bharu, Kelantan, Human Habitat and Environment, 4th International Conference on Human Habitat & Environment 2014. UKM, Malaysia, 7