

Personal Information

Name: Dr, Wesam Ahmed Al Madhoun

Address: 9-338, Massachusetts Institute of Technology, 77 Massachusetts Avenue - Cambridge, MA 02139

Email: wesam@mit.edu**Qualifications**

- **PhD** of Environmental Engineering, Universiti Sains Malaysia (**2011**)

Thesis Title: "**Monitoring and Modeling of Non Methane Hydrocarbons (NMHC) in Various Areas in Pulau Penang, Malaysia**"

- **M.Sc.** of Environmental Engineering, Universiti Sains Malaysia (**2004**)

Thesis Title " **A study of Air Quality Issues and Applications in the Environmental Impact Assessment of Development Projects in Malaysia**"

- **B.Sc** of Civil Engineering from the Islamic University of Gaza (**2003**)

Research Interests

- | | |
|--|---|
| <ul style="list-style-type: none"> • Air and Noise Pollution • Environmental Impact Assessment | <ul style="list-style-type: none"> • Climate Change • Environmental Planning and Management |
|--|---|

Taught Courses

- | | |
|--|--|
| <ul style="list-style-type: none"> • Air and Noise Pollution I • Air and Noise Pollution II • Air Quality Management • Sustainable Development | <ul style="list-style-type: none"> • Environmental Impact Assessment • Environmental Policy and Management • Pollution Control • Introduction to Environmental Science |
|--|--|

Experiences

9/2015-Present, MIT - UTM Malaysia Sustainable Cities Program, UTM, Johor Bharu, Malaysia.	- Visiting Research Scholar at MIT
9/2014-5/2015, Malaysia-Japan International Institute of Technology (MJIIT), UTM, Malaysia.	Post Doctoral Fellow
9/2011-8/2014, Environment and Earth Sciences Department, The Islamic University of Gaza.	Assistant Professor
6/2012-8/2012, School of Civil Engineering, Universiti Sains Malaysia.	Visiting Lecturer (Clean Air Research Group)
2/2008-2/2011, School of Civil Engineering, Universiti	Research Fellow (Clean Air Research Group) and Teaching Assistant

Sains Malaysia.	
11/2006-10/2007 , World Vision Jerusalem, West Bank-Gaza.	Program Development Coordinator, (Assessment of Proposed ADP in Gaza), funded by AusAID. Livelihood projects.
8/2006-10/2006, Palestinian Center for Human Resources Development "Pchrd", Gaza	Project Manager, (Community Mobilization and livelihood Improvement Project)/ Hanan Project, funded by USAID.
3/2006-5/2006, Environment and Infrastructure Consultants "Enfra", Gaza	Project Manager Assistant, a project in the field of Environmental conditions Improvement " in Gaza, funded by AusAID, World Vision- Australia.
10/2005-12/2005, Palestinian Environment Quality Authority, Gaza	Project Supervisor, a project (Construction of Small Scale Plants for Grey Water Treatment) for the local communities in the rural areas in Gaza.
10/2004-3/2005 , United Nations for Refugees Relief and Work Agency	Trainee in the field of Environmental Impact Assessment
3/2004-9/2004, School of Civil Engineering, Universiti Sains Malaysia.	Research Assistant, Projects (Water Treatment by using low cost materials & Air Quality Monitoring)
Administrative duties:	
<ul style="list-style-type: none"> • 12/2012- 8/2014: External Affairs Officer at The Islamic University of Gaza, Palestine. • 9/2012- 8/2014: Vice Chair of Environmental Science Department at The Islamic University of Gaza, Palestine. • 9/2012- 8/2014: Postgraduate Studies Coordinator at the Environmental Science Department , The Islamic University of Gaza, Palestine. 	
Fellowships and Awards	
<ul style="list-style-type: none"> • <u>The Best Paper Award (2015)</u>, 2nd International Conference on Purity, Utility Reaction and Environmental Research- PURE2015, At Kuala Lumpur, Malaysia. • <u>The Best Research Award (2014)</u>, Scientific Research Competition, Ministry of education, Gaza, Palestine. • Selected as <u>Graduate Success story</u> by Universiti Sains Malaysia (2014). • <u>A Bronze Medal (2012)</u>, <i>Environmental Innovation Competition, Ministry of Youth and Sport, Gaza-Palestine.</i> • <u>Universiti Sains Malaysia Fellowship (2008-2011)</u>. • <u>A Bronze Medal (2008)</u>, <i>Postgraduate Competition, International Conference on Construction and Building Technology 2008, Kuala Lumpur.</i> • <u>Most Innovative Design Prize, (2006)</u>, <i>Environmental Design Competition, United Arab Emirates</i> 	

University. Research title "Nitrate Removal by Adsorption using Ash from Olive Oil Factory".

Courses

- **02/98 - 12/98** Attended and completed: 120 hour French language course (level 1, level 2, level 3) in **The French Cultural Center.**
- **5/03/99 - 5/06/99** Attended and Completed 72 hour training course in Microsoft word/excel In **Al Ahly Computer Center.**
- **17/03/05 - 04/04/05** Attended and Completed: 15 Hours course of "**Fundamental of Financial Management in the Contracting Sector**" in the **The Association of Engineers - Gaza.**
- **1/12/05 - 13/12/05** Attended: 12 Hours course of "**Time Management Strategies**" in the **The Association of Engineers - Gaza.**
- **17/09/06 - 20/09/06** Attended: 20 Hours course of "**Community Mobilization**" with **Hanan Project - Gaza.**
- **11/02/07 - 17/02/07** Attended: 15 Hours course of "**Leadership and Supervisory Skills**" in the **The Association of Engineers - Gaza.**
- **15/05/07 - 5/06/07** Attended: 20 Hours course of "**Strategic Planning and Proposal Writing**" in the **The Association of Engineers - Gaza.**
- **19/4/2015**, attended 1 day training on Building and Leading Project Team, **Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia.**

Workshops and Seminars

- **29/12/03 - 31/12/03** Attended a workshop on **Research Design and Methodology** in **Universiti Sains Malaysia-USM.**
- **29/4/2004** Attended a workshop on **Technical Writing** in **Universiti Sains Malaysia-USM.**
- **7/5/2004** Attended a seminar on **Innovation and Technology Management** in **Universiti Sains Malaysia-USM.**
- **20/5/2004** Attended a workshop on **Occupational Safety and Health** in **Universiti Sains Malaysia-USM.**
- **10-12/9/2007** Attended Training Workshop on the **INEE Minimum Standards for Education in Emergencies, Chronic Crises and Early Reconstruction**, **Gaza.**
- **5/03/10 - 7/03/10** Attended: 20 Hours course of "**Sustainable Development**" in the **Universiti Sains Malaysia - Malaysia.**
- **23/6/2014** organize **international seminar in Air Pollution Assessment and sustainability**, jointly with **Universiti Sains Malaysia.**
- **21st - 22nd /4/2015** Attended the **2nd International Conference and Roundtable Discussion on Islamic Leadership (ICRIL 2015)**, **Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia.**

Computer skills

- I have v.good experience about programs of (SPSS, Minitab, Matlab, Ms-Project, Sewer, Loop,Sedra, and CalRoad View).

Languages

- Arabic, English, Malay, Hebrew and know French.

Supervision

PhD

1. Field supervisor for the **PhD candidate Maher Al Bayumi**- Collaboration with Universiti Sains Malaysia (**Completed**). 6/2014
 - Research Title: " "Assessment Of Indoor Air Quality, Thermal Comfort And Health Symptoms In Naturally Ventilated Classrooms".

MSc

1. **Marwan Abu Hamda (Completed)**, 12/2013
 - Research Title: " Effect of Noise exposure on Blood Pressure and Pulse Rate of Employees in selected hospitals in Gaza Governorate-Palestine."
2. **Mosa'ab Mattar (Completed)**, 1/2014
 - Research Title: " Air Quality Impact Assessment of Gaza Power Plant"
3. **Khalil Al Khatib (Completed)**, 1/2014
 - Research Title: "Assessment of the Indoor Environment at the Islamic University of Gaza."
4. **Mohammad Al Khaldy (Completed)**, 1/2014
 - Research Title: " Relationship between Indoor Air Quality and Lower Respiratory Tract Infection among Children at Middle Governorate of Gaza Strip, Palestine."
5. **Iyad Shamah (Completed)**-5/2014
 - Research Title: " Assessment of Indoor Air Quality in the Neonatal Intensive Care Units at Government Hospitals in Gaza Governorates, Palestine".
6. **Rame Mokat. (Completed)**-5/2014
 - Research Title: " Study of the Traffic Emissions and their Health Impacts in Gaza City".
7. **Mohammad Al Asttal (Completed)**-6/2014
 - Research Title: " Assessment of The Random Housing at Khan Younis Refugees Camp and the Impact on Children Health ."
8. **Eman Abed (Completed)**-11/2014
 - Research Title: "Assessment of Indoor Microbial Quality of Science Laboratories at Three Universities in Gaza City".
9. **Alaa' Al Zaza (Completed)**-1/2015
 - Research Title: "Assessing Noise Pollution at West Gaza Education Directorate and Its Impact on Students Blood Pressure and Achievements".

10. **Suliman El Jabale (Completed)-5/2015**

- Research Title: "Effect of Exposure to Cement Dust on Pulmonary Function among Cement Plants Workers in The Middle Governorate, Gaza."

11. **Emad Salem (Completed)-6/2015**

- Research Title: " Effect of traffic emissions on respiratory system of nonsmoking Traffic Policemen at Northern Gaza Governorate – Palestine".

12. **Hesham Hassouna (Ongoing)**

Research Title: " Evaluation of Noise Pollution and its Effect on Sleep of the Middle Governorate Population in Gaza Strip – Palestine"

Bsc-Final Year Project

1. **Sharifah Al Hilo and Samar Al Khuzndar (Completed), 1/2014**

- Research Title: "Assessment of Lead Pollution in Urban Roadside Environments of Gaza City".

2. **Fatma Al Zagzog and Abeer Ismail (Completed), 1/2013**

- Research Title: "Assessment of Traffic Emissions in the Urban Areas of Khan-Younis City, and Its Associated Impacts".

3. **Mohammad Al Nounou and Osama Al Najjar (Completed), 1/2013**

- Research Title: "Monitoring and Mitigation of air and noise pollution Emitted from marble industry in Gaza Strip".

4. **Riham Mahmoud and Lamiaa' Shalaby (Completed), 6/2012**

- Research Title: "Assessment of Traffic Noise and its Health Impacts at Several Locations in Gaza".

Examine the following Thesis:

Assessment of the Application of Environmental Management Approach at Construction Industry in Gaza Strip. (MSc).

- Assessment of Particulate Matters Emitted from Gravel Crushers and their health Impacts at the Workers in The Middle Governorate at Gaza Strip. (MSc)
- Investigate the applicability of renewable energy in Gaza Strip.(FYP)
- Assessment of the regulatory system for radiations at Gaza Strip.(FYP)

Research Grants:

- Research groups grant (10000 NIS), funded by the Islamic University
Position: Principle Investigator.
- Innovative people grant (5000 NIS), funded by Arab Fund.
Position: Principle Investigator

Publications

Books

- **Al Madhoun W A**, N.A. Ramli, A. S. Yahaya. (2011). Non Methane Hydrocarbons (NMHC's) Trends in Various Development Status in Malaysia. LAMBERT Academic Publishing, Germany.

International Journals

- **WA Al Madhoun**, RM Mokat, ZHA Hein, M Isahak (2016). Assessment of Carbon Dioxide Emissions from Traffic and Its Health Impact in Gaza, Palestine, Public Health Research, Public Health Research, 6 (1). pp. 18-23.
- Aljeesh, Y. **Al Madhoun, W.** El Jabaly, S. (2015). Effect of Exposure to Cement Dust on Pulmonary Function among Cement Plants Workers in the Middle Governorate, Gaza, Palestine, Public Health Research 2015, 5(5): 129-134, DOI: 10.5923/j.phr.20150505.01
- **Al Madhoun, W. A.**, Ramli, N. A., Yahaya, A. S., Rashid, M., (2015). Temporal Distribution of Non Methane Hydrocarbon (NMHC) in A Developing Equatorial Island. Air Qual Atmos Hlth. DOI 10.1007/s11869-015-0341-8.
- Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, **Wesam Al Madhoun.** (2015). Seasonal Variation in Schools' Indoor Air Environments and Health Symptoms among Students in an Eastern Mediterranean Climate. Human and Ecological Risk Assessment: An International Journal, 21(1).
- 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 concentrations in Eastern Mediterranean climate, Atmospheric Pollution Research, 5.
- 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 concentrations in Eastern Mediterranean climate., Atmospheric Pollution Research , 5 (2).
- Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, Ahmad Shukri Bin Yahaya, **Wesam Al Madhoun**, Ahmed Zia Ul-Saufie. (2014), Multivariate methods for indoor PM₁₀ and PM_{2.5} modelling in naturally ventilated schools buildings, Atmospheric Environment (in Press).
- Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, Ahmad Shukri Bin Yahaya, **Wesam Al Madhoun**, Ahmed Zia Ul-Saufie. (2014). Multivariate methods for indoor PM₁₀ and PM_{2.5} modelling in naturally ventilated schools buildings, Atmospheric Environment, 94.
- Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, **Wesam Al Madhoun.** (2013). Spatial and seasonal variation of particulate matter (PM₁₀ and PM_{2.5}) in Middle Eastern classrooms. Atmospheric Environment, 80.
- Maher Elbayoumi, Nor Azam Ramli, Noor Faizah Fitri Md Yusof, **Wesam Al Madhoun.** (2013). An Exposure Level of Fine Particulate Matter in Various Schools in Gaza Strip, Palestine. International Journal of Environmental Protection, Vol. 3 Iss. 12.
- **Al Madhoun W A**, N.A. Ramli, A. S. Yahaya. (2012). Monitoring of TVOC and Benzene Emitted From Different Sources. Journal of Engineering Science. Vol 8.
- **Al Madhoun W A**, Ramli N A, Yahaya A S, Yusof N F, Ghazali N A, Sansuddin N, (2011). Levels of benzene concentrations emitted from motor vehicles in various sites in Nibong Tebal, Malaysia. *Air Qual Atmos Health*, DOI 10.1007/s11869-010-0083-6.

<http://www.springerlink.com/content/g113q21516755966/>

- Nor Azam Ramli · Nurulilyana Sansuddin · Ahmad Shukri Yahaya · Noor Faizah Fitri Md Yusof · Nurul Adyani Ghazali · **Wesam al Madhoun**. (2010). TIME SERIES PREDICTIONS OF PM10 CONCENTRATIONS AT DIFFERENT LOCATIONS IN MALAYSIA. *Environmental Monitoring and Assessment*.
- 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*. (DOI 10.1007/s10661-009-0866-0). <http://www.springerlink.com/content/w34332x45183223h/fulltext.pdf>
- Nurul Adyani Ghazali, Nor Azam Ramli, Ahmad Shukri Yahaya, Noor Faizah Fitri Md Yusof, Nurulilyana Sansuddin, **Wesam Al Madhoun**. (2010). Transformation of Nitrogen Dioxide into Ozone and Prediction of Ozone Concentrations Using Multiple Linear Regression Technique. *Environmental Monitoring and Assessment*. (DOI 10.1007/s10661-009-0960-3). <http://www.springerlink.com/content/m1660161u1n95753/fulltext.pdf>
- **W. A. Al Madhoun**, M.N. Adlan, N.A. Ramli, M.H. Isa, & M.R.Razman, (2004). Air Quality Issues in the Environmental Impact Statements. *Journal of Environmental Science, Mansoura, Egypt. Vol,28*.

Conferences

2015

- **Al Madhoun, W. A.** Matar, M. M.Abu Heen, Z. H. Rashid, M.(2015). Assessment of Power Plant Emission and Its Health Impacts in Gaza, 2nd International Conference on Purity, Utility Reaction and Environmental Research- PURE2015,Kuala Lumpur, Malaysia.

2014

- **Al Madhoun, W. A.** Rashid, M. (2014). An Overview on the Mutual Relationship between Forests and Air Pollution - Gain and Loss. National Conference Royal Belum (NCRB), Gerik Perak, Malaysia.
- **Al Madhoun, W. A.** Rashid, M. EL-Khuzundar, S. EL-Helou, S. (2014). Assessment of Lead Pollution in Urban Roadside Environment of Gaza City. Proceeding of the Fifth International Conference on Engineering Sustainability, Gaza, Palestine.
- Khalil M El Khateeb, Zeyad H Abu Heen, and **Wesam Al Madhoun**. (2014). Determining Levels of Carbon Dioxide, Carbon Monoxide And Thermal Comfort Inside IUG Offices And Its Effect on The Employees, Proceeding of the Fifth International Conference on Engineering Sustainability, Gaza, Palestine.

2013

- **Wesam Al Madhoun**, Mohammad Al Nounou, Mohammad Shabat, Zeyad Abu Hein, Samir Hararah. (2013). Health and Environmental Impacts of Marble Industry in Gaza, Palestine, The International Symposium of Health Sciences 2013, Malaysia.
- **Wesam Al Madhoun**, Samir Hararah, Nor Azam Ramli ,Riham Mahmoud, Lamia Shalaby. (2013). Monitoring and Modelling of Traffic Noise at Several Sites in Gaza City. The International Conference on Environmental Science and Technology, Turkey.

2010

- **W. A. Al Madhoun**, N.A. Ramli, A. S.Yahia, (2010). " Roadside BTEX emissions in different Developing countries ". *Proceeding of 3rd International Conference on Engineering and Gaza Reconstruction*, IUG, Gaza, Palestine.
- **W. A. Al Madhoun**, N.A. Ramli, A. S.Yahia. (2010). " Concentrations of BTEX in the Central Business Area in Penang ". *Proceeding of 2nd International Conference on Human Habitat and Environment*, Nilai, Malaysia.

2009

- **W. A. Al Madhoun**, N.A. Ramli, A. S.Yahia, N. F. Yousef, N. A. Ghazli & N. Sansuddin. (2009). " A proposed Framework for Measuring and Modeling of BTEX in Various Developing Cities". *Proceeding of The 3rd International Conference on Science and Development*, IUG, Gaza, Palestine.
- **W. A. Al Madhoun**, N.A. Ramli, A. S.Yahia. (2009). Monitoring of TVOC and Benzene Emitted From Different Sources. *Proceeding of the 5th National Conference of Civil Engineering (AWAM09)*, Kuala Lumpur, Malaysia.
- N.A. Ramli, **W. A. Al Madhoun**, A. S.Yahia . (2009)" Monitoring of Benzene Concentrations Within Indoor Environment of Cars. The second International Seminar, Ecology, Human Habitat and Environmental Change, Nilai, Malaysia.
- **W. A. Al Madhoun**, N.A. Ramli, A. S.Yahia. (2009). Monitoring Of Benzene Emitted From Traffic Vehicles. Symposium of USM Fellowship Holder. USM, Penang, Malaysia.

2008

- **W.A. Al Madhoun**, N.A. Ramli, A. S.Yahaya, N. F. Yusof, N. A. Ghazali & N. Sansuddin. (2008). A Framework for Monitoring and Modelling of BTEX in Various Development Statuses in Penang, Malaysia. *Proceeding of The International Conference on Environment 2008 (ICENV08) in Penang, MALAYSIA*.
- N.A. Ghazali, N.A. Ramli, A. S.Yahaya, N. F. Yusof, N. Sansuddin, & **W.A. Al Madhoun**. (2008). Regression Modelling and Temporal Analysis of Hourly Ozone Concentrations in Urban Environment of Malaysia. *Proceeding of The International Conference on Human Habitat 2008 in Bangi, Selangor, Malaysia*.
- **W.A. Al Madhoun**, N.A. Ramli, A. S.Yahia, N. F. Yousef, N. A. Ghazli & N. Sansuddin. (2008). A Review on Practice of Air Quality Issues in the Environmental Impact Assessment Reports of Development Projects in Malaysia. *Proceeding of The International Conference on Construction and Building Technology (ICCBT08) in Kuala Lumpur, MALAYSIA*.
- N. A. Ghazli, N.A. Ramli, A. S.Yahia, N. F. Yousef, N. Sansuddin, & **W. A. Al Madhoun**. (2008). Temporal Analysis and Prediction of Ozone Concentrations in Gombak, Selangor. *Proceeding of The International Conference on Construction and Building Technology (ICCBT 08) in Kuala Lumpur, MALAYSIA*.
- N. F. Yusof, N. A. Ghazali, N.A. Ramli, A. S.Yahaya, N. Sansuddin, & **W.A. Al Madhoun**. (2008). Correlation of PM10 Concentration and Weather Parameters in Conjunction with Haze Event

in Seberang Perai, Penang. *Proceeding of The International Conference on Construction and Building Technology 2008 (ICCBT08) in Kuala Lumpur, Malaysia.*

- N.A. Ramli, N. A. Ghazli, A. S.Yahia, N. F. Yousef, N. Sansuddin, & **W. A. Al Madhoun.** (2008). Profile of Transformation of Nitrogen Dioxide to Ozone in Shah Alam , Selangor. *Proceeding of The International Conference on CIVIL Engineering, Pahang, MALAYSIA.*
- N.A. Ramli, N. F. Yusof, A.S. Yahaya, N.A. Ghazali, N. Sansuddin, & **W.A. Al Madhoun.** (2008). Analysis of High Particulate Matter (PM₁₀) Event in Kuantan from 1997 to 2005. *Proceeding of The International Conference on Civil Engineering 2008 (ICCE08) in Pahang, Malaysia.*

2005

- **W. A. Al Madhoun,** M. Hasnain Isa, N.A. Ramli, M. N. Adlan, B. H. Hameed & I.H. Farooqi, (2005). Cu and Zn Removal By Adsorption Using Ash from Palm Oil Factory. *Proceeding of the International Conference on Water: Rights and Values, Ramllah, Palestine.*
- **W. A. Al Madhoun,** Steward, A. Jabiang, M. Hasnain Isa, Faridah A. H. Assari, Hamidi A. Aziz & I.H. Farooqi, (2005). Co-Composting of Palm Oil Wastewater Sludge and Biosolids. *Proceeding of the International Conference on Water: Rights and Values, Ramllah, Palestine.*

2004

- M.H.Isa, **W. A. Al Madhoun,** A.A.Hamidi, F.A.H.Asaari & N.H.M. Sabiani (2004). Fe Removal By Using Ash From Oil Palm Factory. *Proceeding of the Third National Conference of Civil Engineering (AWAM 2004), Pulau Pinang, Malaysia.*
- N.A. Ramli, & **W. A. Al Madhoun,** (2004). Integration of Environmental Impact Assessment in The project Life Cycle. *Proceeding of the Third National Conference of Civil Engineering (AWAM 2004), Pulau Pinang, Malaysia.*
- N.A. Ramli, **W. A. Al Madhoun,** M.H. Isa, & M.N. Adlan, (2004). Air Quality Issues in the Environmental Impact Statements of development Projects. *Proceeding of 13th World Clean Air and Environmental Protection Congress and Exhibition, London, United Kingdom.*
- **W. A. Al Madhoun,** M.N. Adlan, N.A. Ramli, M.H. Isa, & M.R.Razman, (2004). Air Quality Issues in the Environmental Impact Statements. *Proceeding of the Second Annual International Conference on the Environment And Health Safety, Mansoura, Egypt.*
- **W. A. Al Madhoun,** & N.A. Ramli, (2004). Review of Air Quality Issues in the Environmental Impact Assessment Reports of Housing Projects. *Proceeding of the Second Bangi world Conference on Environmental Management, Bangi, Selangor, Malaysia.*
- **W. A. Al Madhoun,** & N.A. Ramli, (2004). Coverage of Air Quality Issues in the Environmental Impact Assessment Reports of Agricultural Projects. *Proceeding of the Third International Conference on Environment Safety and Loss Prevention, Kuwait City, Kuwait.*

Oral Presentations

- **W. A. Al Madhoun,** N.A. Ramli, A. S.Yahia, N. F. Yousef, N. A. Ghazli & N. Sansuddin. (2008). " Conceptual Paper: Measuring and Modeling of BTEX in Various Development Sites in Penang, Malaysia". *International Forum for Junior Civil Engineers, Jakarta.*
- **W. A. Al Madhoun,** & N.A. Ramli, (2004). Review of Air Quality Issues in the Environmental Impact Assessment Reports of Housing Projects. *Second Bangi world Conference on Environmental*

Management, Bangi, Selangor, Malaysia.

- **W. A. Al Madhoun**, N.A. Ramli, M.H. Isa, & M.N. Adlan, (2004). Air Quality Impact Assessment. Graduate Seminar in the School of Civil Engineering, Universiti Sains Malaysia, Penang, Malaysia.
- **W. A. Al Madhoun**, & N.A. Ramli, (2004). Air Emission Quantification in Malaysia. Graduate Seminar in the School of Civil Engineering, Universiti Sains Malaysia, Penang, Malaysia.

Activities and Membership

- **Technical Reviewer** for The 10th **Asia Pacific Conference** on Sustainable Energy & Environmental Technologies, organized by University of Seoul, South Korea. (2015).
- **Advisor** for the **Arab Youth Movement for Climate Change**-Palestine Chapter. (2012 to Present)
- I was selected to be **International Ambassador for Universiti Teknologi Malaysia**.(2015)
- I was selected to attend an **International Program on Climate Change Leadership**, New Delhi, India. (2015)
- **A member** of the organizing committee of 1st ICRIL-International Conference on Innovation in Science and Tecknology (IICIST 2015), held at Universiti Teknologi Malaysia (April 2015).
- **A member** of the organizing committee of Fifth International Conference on Engineering and Sustainability, held jointly between the Islamic University of Gaza and Universiti Sains Malaysia (Dec 2014).
- **A member** of the organizing committee of Fifth International Conference on Science and Development, held jointly between the Islamic University of Gaza and Universiti Sains Islam Malaysia (Feb 2014).
- **Reviewer** for the Journals of Atmospheric Environment, Ecology and Natural Environment, Water Science and Technology, Journal of Engineering Science & Technology.
- **Postgraduate Student Advisor**, Civil Engineering School, USM, "2009-2010".
- **A President** of the Association of Civil Engineering Postgraduate and Research officers (ACEPRO), Civil Engineering School, USM, "2008/2009".
- **A member** in the Association of Engineers- Gaza, Palestine.(2005)

References:

- Prof. Dr. Nor Azam Ramli, (my PhD Supervisor), Universiti Sains Malaysia.
Email: ceazam@usm.my
- Prof. Dr. Mohd Hamdan Bin Haji Ahmad, Universiti Teknologi Malaysia, Email: hamdan@utm.my
-
- Prof. Lawrence Susskind, Massachusetts Institute of Technology, Email: susskind@mit.edu
-
- Prof. Dr. Mohd Rashid Mohd Yosuf . Professor at Malaysia-Japan International Institute of

Technology (MJIIT), Malaysia.

Email: drrashid@ic.utm.my

- Assoc. Prof. Dr. Yahya Sarraj, Civil Engineering Department, The Islamic University of Gaza.

Email: ysarraj@iugaza.edu.ps