


Curriculum Vitae

Personal information																											
	Name : Rabah Mahmoud Ahmad Ismail																										
	Gender: Female																										
	Date of birth : 4th June 1981																										
	Nationality: Jordanian																										
	Place of birth : Irbid-Jordan Age : 39																										
	Marital Status : Married with 6 children																										
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Address	Address: Dr. Hashem Mohammad Ali Al-Mattarneh Qumeem-Irbid JORDAN																										
Area of Specialization																											
	Environmental Engineering Soil Contamination Solid Waste Management Development of Expert Systems for Environmental Science Application.																										
Languages																											
	<table border="1"><thead><tr><th rowspan="2">No.</th><th rowspan="2">Language</th><th colspan="3"></th></tr><tr><th>Excellent</th><th>Very good</th><th>Good</th></tr></thead><tbody><tr><td>1</td><td>Arabic</td><td>X</td><td></td><td></td></tr><tr><td>2</td><td>English</td><td>X</td><td></td><td></td></tr><tr><td>3 Others</td><td>Malaysian</td><td></td><td>X</td><td></td></tr></tbody></table>				No.	Language				Excellent	Very good	Good	1	Arabic	X			2	English	X			3 Others	Malaysian		X	
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2	English	X																									
3 Others	Malaysian		X																								

Educational Qualification/Certificate	
B. Sc	Degree: Environmental Science Institution: Jordan University of Science and Technology Country: Jordan Date: 2004 Grade: Good
M. Sc	Degree: Master of Science, Civil Engineering, Structures and Material Institution: Universiti Kebangsaan Malaysia (UKM) Country: Malaysia Date: 2007 Title: "Electromagnetic Characterization of Soil For Identification of Petroleum Hydrocarbon Contamination"
Ph. D	Degree: Doctor of Philosophy, Civil Engineering, Structures and Material Institution: Universiti Teknologi PETRONAS (UTP) Country: Malaysia Date: January 2019 Title: "Development of Electromagnetic Sensor for Dielectric Properties Determination at Various Levels of Soil Contamination"

Award				
No.	Award	Organization	Country	Year
1.	Silver Medal	I-TEX	Malaysia	2006
2.	Gold Medal	ICCBT2008	Malaysia	2008
3.	Bronze Medal	I-TEX	Malaysia	2008
4.	Gold Medal	Eureka	Spain	May, 2016
5.	Gold Medal	Eureka	Belgium	November, 2016

Working Experience
1. Teaching and Research Assistant at Universiti Tenaga Nasional 2006-2007. 2. Tutor/Research Assistant at Universiti Kebangsaan Malaysia (National University Malaysia) 2007-2008. 3- Working in Najran University, Saudi Arabia 2012-2013 as quality assurance assistant. 4- Working in Al-Zaytoonah University of Jordan 2019-2020 as assistant professor.

Publication (Research and technical papers in Journal and conference Proceedings)

No.	Author(s) and Title	Publication Date
1.	Mohammed Dahim, Rabah Ismail , Hashem Al-Mattarneh, Randa Hatamleh. "Determination Of Leachate Pollution Content In Soil Using In-Situ Dielectric Measurement" Advanced Materials Letters. 10(4), 2019, 298-301	2019
2.	Hashem Al-Mattarneh, Mohammed Dahim, Rabah Ismail , "Simple capacitor dielectric sensors for determination of water content in transformer oil" International Journal of Engineering and Technology, 7 (3.32) (2018) 157-160.	2018
3.	Rabah Ismail , Hashem Al-Mattarneh, Mohammed Dahim" Development In-situ Dielectric Sensor for Detection of Leachate Soil Pollution". European Advanced Materials Congress, 20-23 August, 2018, Stockholm, Sweden. At: Stockholm, Sweden.	2018
4.	Rabah M Ismail , Hashem M Al-Mattarneh , Muhd Fadhil Nuruddin , Nasir Shafiq and Mohamad A Dahim, 2017. "Dielectric Dispersion Characteristics of Unsaturated Sand Contaminated by Diesel". Journal of Material Sciences & Engineering. Volume 6. Issue 3.	2017
5.	H. Al-Mattarneh, R. M. Ismail , M. F. Nuruddin , N. Shafiq & M. A. Dahim, 2016. "Characterization of Pb and Cd contaminated sandy soil by dielectric means" Proceedings of the 3rd International Conference on Civil, Offshore and Environmental Engineering (ICCOEE 2016, Malaysia, 15-17 Aug 2016).	2016
6.	Hashem Al-Mattarneh, Mohammed Dahim, Rabah Ismail , Muhd Fadhil Nurudinn. "Determination of Soil Polluted with Kerosene Using Electromagnetic Cell" Applied Mechanics and Materials, Vol 567 (2014) pp 183-188. Trans Tech Publications, Switzerland.	2014
7.	M. F. M Zain, M. R Taha, H. Mattarneh, R M A Ismail , M. Jamil, Effect of heavy metal on complex permittivity characteristics of saturated sand, Proceedings of The 9th Highway and Urban Environment Symposium (9HUES) was held in Madrid, Spain, from 9-11 June 2008, Series: Alliance for Global Sustainability Bookseries, Vol. 17, Rauch, S.; Morrison, G.M.; Monzón, Andrés (Eds.), 2010, XIII, 416 p.	2008
8.	Rabah Ismail , Hashem Al-Mattarneh, Lariyah Mohd Sidek, M. F. M. Zain & Mohd Raihan Taha. 2008. Dielectric Properties of Soil contaminated by Solid Waste Leachate in the Frequency Range of 100 kHz to 1000kHz. International Conference on Construction and Building Technology ICCBT 2008, 16-20 June 2008, Kuala Lumpur, Malaysia	2008
9.	M. F. M. Zain, Hashem Al-Mattarneh, Lariyah Mohd Sidek, Rabah Ismail , Mohd Raihan Taha & M. Essa Ahmad. 2008. Determination of Petroleum Contamination Level of Sandy Soil using Electromagnetic Measurement Techniques. International Conference on Construction and Building Technology ICCBT 2008, 16-20 June 2008, Kuala Lumpur, Malaysia	2008
10.	H. M. A. Al-Mattarneh, L. M. Sidek, R. M. A. Ismail , M. F. M. Zain & M. R. Taha. 2008. Dielectric Dispersion Characteristics of	2008

	Sandy Soil Contaminated by Pb and Cd. International Conference on Construction and Building Technology ICCBT 2008, 16-20 June 2008, Kuala Lumpur, Malaysia	
11.	Hashem Al-Mattarneh, Lariyah M. Sidek , Kamal N. Mustapha, Rabah M. A. Ismail , M. F. M. Zain , & M. Raihan Taha. 2007. Effect of Heavy Metal on Complex Permittivity Characteristics of Saturated Sand. World Engineering Congress 2007, Penang, Malaysia, 5 – 9 August 2007	2007
12.	Al-Mattarneh, H. M. A. , Ismail, R. M. A. , Zain, M. F. M. , Taha, M. R, & Basri. 2007. CHARACTERIZATION OF DIESEL CONTAMINATED SOIL BY DIELECTRIC MEANS. World Engineering Congress 2007, Penang, Malaysia, 5 – 9 August 2007	2007
13.	H. M. A. Al-Mattarneh, M. Essa Ahmad, R. M. A. Ismail , M. F. M. Zain, M. R. Taha, Effective Dielectric Mixture Model for Characterization of Diesel Contaminated Soil, Proceedings of the Third International Conference on Thermal Engineering: Theory and Applications May 21-23, 2007, Amman, Jordan	2007
14.	M. Essa Ahmad, Al-Mattarneh, H. M. A., Ismail, R. M. A. , Zain, M. F. M., Taha, M. R, EVALUATION OF SATURATED AND UNSATURATED CONTAMINATED SOIL BY BENZENE, SCORed 2007, Kajang, 14-15 May	2007
15.	Hashem Al-Mattarneh, Lariyah Mohd Sidek, Rabah. M. Ismail & Mohd Fauzi (2007), Development on Non Destructive Dielectric Sensing System for Determination Type and Level of Soil, 3rd Conf for the Int of Chemistry Environment, Kuwait	2007
16.	Hashem Al-Mattarneh, Rabah. M. Ismail , Mohd Fauzi & Lariyah Mohd Sidek (2007), Effect of Leachate From Solid Waste on the Dielectric Dispersion of Sandy Soil, The Seventh Saudi Engineering Conference Towards Engineering Environment to Merge in a Competitive Economy	2007
17.	Ismail, R. M. A. , Al-Mattarneh, H. M. A., Zain, M. F. M., Taha, M. R. and Basri, H., Dielectric Dispersion Characteristics of Unsaturated Sand Contaminated by Diesel, International Conference on Remediation and Management of Contaminated Land, Brownfield Asia 2006, September 5-7, 2006 Kuala Lumpur, Malaysia	2006
18.	Al-Mattarneh, H. M. A., Ismail, R. M. A. , Zain, M. F. M., Taha, M. R. and Basri, H., Characterization of Diesel Contaminated Soil by Dielectric Means, International Conference on Energy and Environment, August 28-30, 2006, ICEE2006, Kajang, Malaysia	2006