

## السيرة الذاتية

١. المعلومات الشخصية		
د.حسام الحمايده	الاسم	
اردني	الجنسية	
<b>Tel: +962 3 2372380/99 Ext (6011)</b> <b>Fax: +962 3 2397161 Ext (5001)</b> <b>Mobile: 00962797777036</b> <b>E-Mail: husamh@mutah.edu.jo</b>		معلومات الاتصال

٢. المؤهلات العلمية				
	University	Year	Country	Major
<b>B.A</b>	Leningrad institute of Civil and Architecture Engineering	<b>1988</b>	<b>USSR</b>	<b>Civil Engineering/ Environmental Engineering</b>
<b>M.A</b>	Leningrad institute of Civil and Architecture Engineering	<b>1989</b>	<b>USSR</b>	<b>Sanitary Engineering</b>
<b>Ph.D</b>	St. Petersburg State University of Civil and Architecture Engineering	<b>1994</b>	<b>Russia</b>	<b>Environmental Engineering</b>

<b>3. Research and Teaching Interests</b>
Electrochemical treatment of polluted water and polluted soils.
Reuse of Grey water and Treated wastewater.
Industrial solid waste reuse in construction materials
<b><i>Courses Taught</i></b> Water Treatment Plant Design MSc.; Wastewater Treatment Plant Design MSc; Air pollution control MSc; Environmental Engineering (1); Environmental Engineering (2); Water resources; Hydrology; Sanitary Engineering; Industrial and air pollution; solid waste Management; Construction Materials; Engineering Drawing; Descriptive Geometry; Sanitary Engineering Lab; Environmental Engineering Labs (1,2); Construction Materials Lab.

## 4.Publication

### A. Books

### B. Articles

Title	Journal	Date	Vol. & No.	Pages
Galvanochemical Treatment Method of Copper -ammonia Bearing Rinse wastewater)	Journal of Applied Sciences	April – June 2004.	4 (2),	225-230.
Effect of Treated and Raw Wastewater on the Behavior of Unsaturated Soil.	Electronic Journal of Geotechnical Engineering	(2005)	10	
The importance of the ISO system in Jordanian industrial companies.	Mansoura Engineering Journal (MEJ), Faculty of Engineering. Mansoura University, .	March 2004	Vol.29, No. 1,	
Combination between Coagulation and disinfection in water Treatment	Dirasat Engineering sciences University of Jordan	October 2004.	31 (2)	
Effect of electrolyte components on electrochemical generation and disinfection efficiency of active chlorine	Journal Desalination and Water Treatment	(2009)	12	369–37.
Effect of Grey Water Reuse in Irrigation on Soil and Plants	Journal of Desalination	(2010).	256	115-119
Reuse of marble slime sludge in ceramic industry.	Journal of Civil engineering, Jordan	2010	Vol.4 No3	
Using of oil shale Ash in concrete Binder.	Electronic Journal of Geotechnical Engineering	2010	volume 15 bundle F	
Effect of Microscopic Observation On Unsaturated Soil BehaviorYussef,	Electronic Journal of Geotechnical Engineering	2010	volume 15 bundle N ,	
The impact of greywater reuse in irrigation on public health and safety.	(Electronic Journal of Geotechnical Engineering,	2010	volume 15 bundle K ,	

<b>Treatment of oil polluted soil using electrochemical method,</b>	<b>Alexandria Eng. J.</b>	<b>2011</b>		
<b>Chemical, mineralogical and grain size properties of the dust fall over phosphate mine surrounding area, central</b>	<b>Jordan (Journal of Environmental Earth Sciences</b>	<b>(2011),</b>	<b>Volume 62, Issue 8</b>	<b>Page 1771).</b>
<b>Characterization and possible industrial applications of tripoli outcrops at Al-Karak province,.</b>	<b>JJEES</b>	<b>2012</b>	<b>, Vol. 4, No. 2</b>	<b>P 63 – 66.</b>
<b>Development of Electrochemical Generation of Active Chlorine by circulating the electrolyte through the cell.</b>	<b>Environmental Engineering Sciences</b>	<b>2013</b>	<b>volume 30, Number 2</b>	
<b>Use of the Dead Sea brine as electrolyte for electrochemical generation of active chlorine.</b>	<b>Desalination and water treatment,</b>	<b>2013</b>	<b>51/16-18</b>	<b>3521-3526.</b>
<b>Granite Sludge Reuse in Mortar and Concrete, Journal of Applied sciences  </b>		<b>2013</b>	<b>Volume: 13 Issue: 3</b>	<b>444-450</b>

## 5. Patents
