



نموذج السيرة الذاتية
Curriculum Vitae

1- Personal Data:

1 - المعلومات الشخصية:

Male ذكر <input type="checkbox"/>	عاطف فالح عثمان المشاقبه	الاسم الرباعي:
Name in English:	Atef Faleh Othman Al-Mashagbah	الاسم بالإنجليزية:
Nationality:	Jordanian •	الجنسية:
Date and place of Birth:	Zarqa 16/10 /1969	تاريخ ومكان الميلاد:
Collage/Department:	Institute of Earth science	الكلية/القسم:
Position:	Associate Professor	المسمى الوظيفي:
Tel.:	(0)2 6297000 ext. 2324	هاتف/الهاتف الفرعي:
E-mail:	atef.mashagbah@yahoo.com atef.almashagbah@aabu.edu.jo	البريد الالكتروني:

Electronic links:	رقم الباحث في قاعدة البيانات الوطنية للباحثين في الجامعات:	روابط الكترونية:
ORCID:	0000-0001-8370-6081	
LinkedIn:	https://www.researchgate.net/profile/Atef-AI-Mashagbah	
Google Scholar:		

2- Academic Qualifications:

2 - المؤهلات العلمية:

بلد التخرج Place of Graduation	المعهد /الجامعة University/Institute	التخصص الرئيسي Major	سنة التخرج Graduation Year	المؤهل العلمي الجامعي University Degree
Jordan	Yarmouk University	geology	1992	Bachelor
Jordan	Jordan University	Geophysics	1996	Master
Jordan	Arabic academy	computer	2004	Master
Jordan	Jordan University	Groundwater , Geostatistical, GIS, Remote Sensing	2010	Ph.D

Specialization:	Geostatistical, GIS, Remote Sensing	التخصص الدقيق:
Interests:	Geostatistical, GIS, Remote Sensing, Computer	مجالات الاهتمام:



**Computer (Geostatistical, GIS, Remote Sensing) and Isotopes
Applications for Modeling the Spatial and Temporal variations of the
Environmental Pollutants in the Amman-Zarqa Basin-(Basaltic Area)**

عنوان وملخص رسالة الماجستير (في حدود 150 كلمة):

**Application of precise gravity techniques in detecting cavities for Civil Engineering purposes,
M.Sc. Thesis, Jordan University**

3- Professional Experiences:

3 – الخبرات العملية:

3/1- Employment & Job Ranks:

1/3-المسمى الوظيفي و المراتب والدرجات الوظيفية:

المدة Period		مسمى الوظيفة Job Title	المكان Place	المرتبة أو الدرجة Rank	جهة العمل Employer
إلى To	من From				
2003	1993	Teacher,	Mafrq		Ministry of Education
2010	2003	Lab supervisor	Mafrq	supervisor	Al Albayt University
2012	2011	lecturer	Mafrq	lecturer	Al Albayt University
2017	2012	lecturer	Mafrq	Assistant professor	Al Albayt University
now	2017	lecturer	Mafrq	Associate Professor	Al Albayt University

3/2- Leading Positions During Academic Work:

2-/3 المناصب الادارية/اللجان التي تقلدها أثناء العمل
الاكاديمي:

المدة Period		المنصب Position	جهة العمل Employer
إلى To	من From		
2011	2010	Head of the Department	Al Albayt University



4- Training & Professional Qualification (Continues Professional Development):

4- التدريب و التأهيل المهني (التطوير المهني المستمر):

4/1- Training Courses & Lectures:

1/4 - المحاضرات أو البرامج التدريبية التي تم الحصول عليها :

التاريخ Date	المكان Place	جهة التدريب Trainer	المحاضرة/الدورة Course/Lecture
July 2004_u	United kingdom	MEDCO Liverpool	Wastewater treatment processes
18-24 Jul 2005	United kingdom	MEDCO Manchester	Sustainable Urban Drainage Syatem
1993 – 1995	Jordan	Ministry of Education	New Curriculum,
1995- 1999,	Jordan	Ministry of Education	New Methods in Teaching geology
9 – 15 Nov 2002,	Jordan	the Arab Academy for banking and financial sciences	Introduction to UML using ational Rose tools,..
July 2004,	Jordan	Al Albayt University,	Management of Wastewater processes,
October- 2004	Jordan	Al Albayt University,	Development of regional guidelines for wastewater treatment and reuse,
20 May to 20 June 2005.	Jordan	Al Albayt University,	Introduction to Blackboard,
Sep. 2005	Jordan	Al Albayt University,	Efficient Management of wastewater, Internationale Weiterbildung und entwicklung(inwent)
4 + 5 January 2006,	Jordan	Al Albayt University,	Training course in using Horizon live Wimba software
19-21 /2/2006	Jordan	Al Albayt University,	Training course in E-Learning (Black board)
23/3/2006	Jordan	Al Albayt University,	Evaluation of universal Examination
21- 25/1/2007	Jordan	Al Albayt University,	Fundamentals of ERDAS IMAGINES I & II , conducted by InfoGraph ,



			Amman, Jordan.
21-25/1/2007	Jordan	Al Albayt University,	Technical Training on Leica photogrammetry Suite (LPS), conducted by InfoGraph , Amman, Jordan.
21-25/1/2007	Jordan	Al Albayt University,	Introduction to ArcGIS I conducted by InfoGraph , Amman, Jordan.
21-25/1/2007	Jordan	Al Albayt University,	Network Analyst conducted by InfoGraph , Amman, Jordan.
7th February 2007	Jordan	Al Albayt University,	GeoStatistical Analyst, conducted by InfoGraph , Amman, Jordan...
1 - 8 march 2007	Jordan	Al Albayt University,	Training course in using Moodle software
10-24 July 2008	Jordan	Al Albayt University,	Middle Management,
10-12 February 2009,	Jordan	Al Albayt University,	Remote sensing training course,
18 to 21 Oct., 2021	Jordan	Al Albayt University,	An Entrepreneurial Approach to Teaching (TOT), under SPARKS

4/2- Training and/or Delivering Technical & Professional Lectures :

2/4 - تدريب أو إعطاء محاضرات علمية ومهنية:

التاريخ Date	المكان Place	مركز التدريب Training Center	المحاضرة/الدورة Course/Lecture

5- Scientific & Professional Participations:

5- المشاركات العلمية والمهنية:



5/1- Scientific Researches, Studies & Technical Reports:

1/5- الدراسات والأبحاث والتقارير والأوراق العلمية:

التاريخ Date	الناشر Publisher	العنوان Title
2004	Al-Manar Journal	Al Farajat M., Al Mashagbeh A. (2004): Delineation of the hydrodynamic interface between fresh groundwater and seawater in the northern part of the coasts of Gulf of Aqaba using Geoelectrical , Hydrogeochemical and Hydrogeological methods. Published in Al-Manar Journal , Al Albayt University, Jordan
2004	Journal of Hydrogeology & Environmental "HU" University of ulurzburg . Germany.	Al Ansari N., Al Farajat M., Al Mashagbeh A (2004): Hydro-geophysical, Hydro-geochemical and Environmental Investigation of Al Sokhna Alluvium Aquifer in Zarqa – Jordan, 2004. published in Journal of Hydrogeology & Environmental "HU" University of ulurzburg . Germany.
2007	Al Manarah Journal	Al Farajat, M., Mashagbeh, A., Hamdan, I., (2007): Delineation of Infrastructures in Al Albayt University for Engineering Purposes, Using Geomagnetic Method, Al Manarah Journal, Vol. 14, No. 3, PP31-46, Al Albayt University, Mafraq- Jordan
2007	Egyptian Society of Applied Petrophysics	Al Farajat, M., Diabat, A., Mashagbeh, A.(2007): Applying Shallow Seismic Refraction Study on Soil Cover of Al Albayt University for Engineering Purposes, Journal of Applied Geophysics, Egyptian Society of Applied Petrophysics, Cairo, Egypt .
2009	Jordan Journal of Civil Engineering	Al Amoush, Hani, and Atef Mashagbeh, (2009), Using Geophysical Methods to Image Near-Surface Cylindrical Pipeline: A Case Study on Engineering Applications, Jordan. Jordan Journal of Civil Engineering, Volume (3), Number (2), pp. 137-149.
2010	Jordan Journal of Civil Engineering	Al-Mashagbah, A., Al-Adamat, R. Mapping the land use / land cover changes in the



		basalt area between 1990 and 2005 using remote sensing and GIS. Jordan Journal of Civil Engineering, Volume 4, No. 3, 2010.
2012	Research Journal of Environmental and Earth Sciences	Al-Mashagbah Atef, Al-Adamat Rida and Salameh Elias, (2012). The use of Kriging Techniques within GIS Environment to Investigate Groundwater Quality in the Amman-Zarqa Basin/Jordan, Research Journal of Environmental and Earth Sciences, Vol. (4) Issue (2), pp. 177-185.
2012	Journal of Geographic Information System	Al-Mashagbah Atef, Al-Adamat Rida and Al-Amoush Hani, (2012). GIS and Remote Sensing to Investigate Urban Growth in Mafraq City/ Jordan between 1987 and 2010, Journal of Geographic Information System, Vol. 4 No. 4, 2012, pp. 377-382.
2013	Research Journal of Environmental and Earth Sciences	Al-Mashagbah Atef, Al Farajat, M., (2013): Assessment of spatial and temporal variability of rainfall data using Kriging, Mann kendall test and the Sen's slope estimates in Jordan from 1980 to 2007, Research Journal of Environmental and Earth Sciences . Vol.5 No.10: pp. 611-618, 2013 ISSN:2041-0484; e-ISSN: 2041-0492.
2015	Journal of Water Resource and Protection	Al-Mashagbah, F. Atef, (2015): Assessment of Surface Water Quality of King Abdullah Canal, Using Physico-Chemical Characteristics and Water Quality Index, Jordan. Journal of Water Resource and Protection Vol.7 No.4, PP. 339-352, 2015.
2016	Journal of Geographic Information System	Al-Mashagbah, F. Atef, (2016): The Use of GIS, Remote Sensing and Shannon's Entropy Statistical Techniques to Analyze and Monitor the Spatial and Temporal Patterns of Urbanization and Sprawl in Zarqa City, Jordan. Journal of Geographic Information System



		Vol.8 No.2, April 29, pp 293-300 2016.
2016	Civil and Environmental Research	Majed Ibrahim, , and Atef Mashagbeh, (2016): Change Detection of Vegetation Cover Using Remote Sensing Data as a Case Study: Ajloun Area . Civil and Environmental Research . Vol.8, No.5, 2016 .
2016	International Journal of Geosciences,	Al-Shabib, Abd al-Rahman, Al-Adamat Rida Al-Mashagbah, F. Atef, (2016): AHP with GIS for a Preliminary Site Selection of Wind Turbines in the North West of Jordan, International Journal of Geosciences, vol. 7, issue 10, pp. 1208-1221.
2020	Jordan Journal of Earth and Environmental Sciences	Al-Harashseh, S., Al-Taani, A. A., Al-Amoush, H., Shdeifat, A., Al-Mashagbah, A., Al-Raggad, M., ... & Almasaeid, K. (2020). Assessing the Impact of Zaatari Syrian Refugee Campin Central North Jordan on the Groundwater Quality. Jordan Journal of Earth and Environmental Sciences, JJEES 11 (4) 260-271, ISSN 1995-6681.
2021	Fresenius Environmental Bulletin	Atef Faleh Al-Mashagbah, Majed Ibrahim, (2021). Integration of Remote Sensing and GIS To Detect the Spatial and Temporal Changes of Land Use and Land Cover in Jerash Governorate, North-West Jordan. Fresenius Environmental Bulletin , Volume 30–No. 08/2021 pages 9788-9794, ISSN / eISSN 1018-4619 / 1610-2304.
2021	under publishing	Atef Faleh Al-Mashagbah, A'kif Al-Fugara, Majed Ibrahim, (2021). Changes in the surface water area within the Dead Sea, west of Jordan, using multiple water indices and geospatial techniques, under publishing.
2021	under publishing	Atef Faleh Al-Mashagbah, Majed Ibrahim, A'kif Al-Fugara, (2021). Detecting Spatial and Temporal Patterns of Urban Growth and Sprawl using Remote Sensing, GIS and spatial



		indexes, Irbid city, Jordan , under publishing.
--	--	---

5/2- Conferences & Seminars:

2/5- المؤتمرات والندوات :

التاريخ Date	الموقع Place	نوع المشاركة Type of participation	العنوان Title

6- Membership in Professional Organizations & Associations:

6- عضويات في هيئات وجمعيات مهنية:

الموقع Place	التخصص Specialization	اسم الجهة Name

7- Teaching activities

7-الانشطة التدريسية

الدراسات العليا	البكالوريوس	المقررات والمساقات الدراسية التي قام بتدريسها Courses
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Programming Principles for GIS
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mapping and Geodetic Positioning
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Earth Sciences and Information Technology
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Databases Management Systems for Earth Sciences
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of Mapping and Surveying
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Geo-Database Design
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of Applied Climatology
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Computer Statistical Analysis
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Surveying



<input type="checkbox"/>	<input checked="" type="checkbox"/>	General Geology
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Application of Computer in Geology
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Statistical Geology
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Geographical Information Systems (GIS)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Remote Sensing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Environment and Environment Pollution
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Practical GIS
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Practical Remote Sensing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Practical Geology
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Practical Structure Geology
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Practical Geophysics

8- Other Works & Activities

(Voluntary Professional Activity, Writing, Professional Award, Acknowledgment & Appreciation, etc....):

8- أعمال وأنشطة أخرى
(أنشطة تطوعية مهنية وخدمة مجتمع، مؤلفات، براءات
اختراع، جوائز وأوسمة، شهادات شكر وتقدير، ...):

التاريخ Date	مقدم إلى: Presented to:	النوع Type	الموضوع Subject	نوع النشاط Type of Activity
2010 - 2021	Voluntary Professional Activity	Voluntary	Social activist	Social activist and president of a social charity