

Curriculum Vitae

1) Personal Information

Full Name:- Dr. Shaymaa Abdul Muttaleb Hashim Al-Hashimi

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Permanent Address: - Iraq / Baghdad / Palestine street/ Sector \ 505\ House No. 22

Phone Number:- Zain 07832433202 , Asiaceil 07724591182

Languages:- Arabic and English



2) Academic Qualifications

Degree	General Field	Specialization Field	College	University	Country	Date of Degree award
B.Sc.	Civil Engg.	Civil Engg.	Engineering	Babylon	Iraq	1997-1998
M.Sc.	Civil Engg.	Water Resources Engg.	Engineering	Babylon	Iraq	2000-2001
Ph.D.	Civil Engg.	Hydraulic Engg.	Engineering	Al -Mustansriya	Iraq	2007-2008

Title of M.Sc. thesis: - Numerical Solution of Seepage Problem in Confined Flow

Title of Ph.D thesis : - Simulation Model for Predicating Downpull on Tunnel Gates with Different Lip Geometries.

3) Occupational Post

Establishment	Academic Title	Date of Commencement
Al -Mustansriya University	Teacher / Highway and Transportation Dept.	2002-2013
Al -Mustansriya University	Asst. prof./ Civil Engineering Dept.	2013-2017
Al -Mustansriya University	Asst. prof./ Water Resources Engineering Dept.	2017-2020

4) Scientific Activities

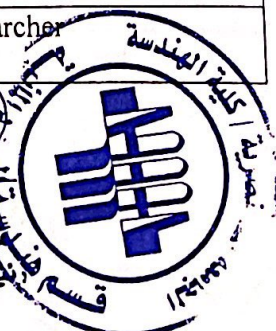
a) Conferences

Conferences title	Place and Date of Conferences	Nature of Participation
1 st Engineering conference for Civil Engineering	University of Babylon – Engineering College. 17-18 May 2009	Participation
1 st International Conference in Geomantic Engineering Applications	University of Technology – Building & Construction Dept. 15-16 December 2010	Participation
1 st Engineering Education Conference,	Kurdistan Region , University of Duhok , 17-19 April 2012	Participation
1 st Engineering Conference Comprehensive Research Theses,	Al -Mustansriya, College of Engineering , 7-8 May 2012	Researcher
International Water Conference,	Jordan University, 12-17 May 2012	Researcher
2 nd International Conference on Buildings, Construction and Environmental Engineering (BCEE2)	American University of Beirut 17-18 October 2015, Lebanon	Researcher
1 st International Conference of Engineering and Innovative Technology	Salahaddin University-Erbil Kurdistan, IRAQ, April 12-14, 2016	Researcher
3 rd International Conference on Buildings, Construction and Environmental Engineering	Menifia University-Egypt 23-25 October 2017	Participation
AWAM International Conference on Civil Engineering 2019 (AICCE'19)	Penang, Malaysia on the 21- 22 August 2019	Researcher
4 th International Conference on Buildings, Construction and Environmental Engineering	Istanbul Technical University-Turkey October 2019	Researcher

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شاهي جبار كساب
 مسؤول التعليم
 للشؤون العلمية والدراسات العليا

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أستاذ المساعد الدكتور
محمد حاتم شاكر ملاح
 رئيس قسم هندسة الموارد المائية



b) Training Courses

Title of Training Courses	Place and Date	Nature of Participation
Performance of Computer	Babylon University (29/7-7/8/1999)	Participation
Performance of Arabic Language	Foundation of Technical Education (20-29/10/2001)	Participation
IC ³	Ceritport (17 / April / 2012)	Participation

c) Curriculums Taught

Curriculums	Stage	Dept.	College	University	Date (from-to)
Fluid Mechanics	Second	Highway & Transportation	College of Engineering	Mustansriya University	2002-2013
Hydrology	Third	Highway & Transportation	College of Engineering	Mustansriya University	2002-2006
Hydraulic Structure	M.Sc.	Civil Engineering	College of Engineering	Mustansriya University	2014-2015
Fluid Mechanics	Second	Civil Engineering & Water Resources	College of Engineering	Mustansriya University	2015-2020

d) Published Research Papers

Title of Research Papers	Place of Publication	Date of Publication
Effect of Cut-Off Depth on piezometric Head under New Hindiya Main Barrage	Babylon University Journal	Vol.7 / No. 5 -2002
Effect of Change Materials Properties used on the Pavement Layer and Thickness on deflection distribution using FEM	Al-Taqani Journal	2/6/2004
Prediction Downpull Force on Tunnel Gate with Different Gate Lip Geometry	Karbala University scientific Journal	Vol.8 / No. 4 -2010
Effect of Using Different (k-ε) Turbulent Models on Downpull Coefficients	1 st Engineering Conference Comprehensive Research Theses	(7-8 May 2012)
PREDICTION OF WATER QUALITY INDEX FOR EUPHRATES RIVER-IRAQ	International journal for environment and water	(May 2012)
NUMERICAL SIMULATION OF TWO-PHASE FLOW OVER MANDALI DAM OGEE SPILLWAY	International journal of structural and civil engineering research	Vol. 2, No. 3, August 2013
CFD Modeling of Flow over Ogee Spillway by Using Different Turbulence Models	International journal of scientific engineering and technology research	Vol.02, Issue.15, November-2013
Prediction Of Monthly Rainfall In Kirkuk Using Artificial Neural Network And Time Series Models	Journal of Engineering and Development,	Vol. 18, No.1, January 2014,
Determination of Discharge Coefficient of Rectangular Broad-Crested Weir by CFD	2 nd International Conference on Buildings, Construction and Environmental Engineering (BCEE2)	17-18 October 2015, Lebanon
Analyzing and Estimating the Highway Drainage Capacity with the Aid of Geographic Information Systems (GIS)	ZANCO Journal of Pure and Applied Sciences	ZJPAS (2016) 28 (2);
Channel Slope Effect on Energy Dissipation of Flow over Broad Crested Weirs	Engineering,	2016, 8, 837-851
EXPERIMENTAL AND NUMERICAL SIMULATION OF FLOW OVER BROAD CRESTED WEIR AND STEPPED WEIR USING DIFFERENT TURBULENCE MODELS	Journal of Engineering and Sustainable Development,	Vol. 21, No. 02, March 2017
Flow over Broad Crested Weirs: Comparison of 2D and 3D Models	Journal of Civil Engineering and Architecture	Vol. 11 (2017) 769-779
ARTIFICIAL NUREL NETWORK MODELLING OF FLOW OVER WEIR	International journal of advanced research	6 January 2018

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NUMERICAL MODELLING OF TURBULENT FLOW IN OPEN CHANNEL EXPANSION	Journal of Engineering and Sustainable Development,	Vol. 22, No. 01, 2018
Micro structural characterization of cement stabilized tropical laterite clay soil contamination by heavy metals	Journal of Engineering and Sustainable Development,	Vol. 22, No. 02, 2018
Experimental and CFD Modeling of Hydraulic Jumps Forming at Submerged Weir	Journal of The Institution of Engineers (India): Series A	Vol. 100, No.3, 2019
WATER SURFACE PROFILE AND FLOW PATTERN SIMULATION OVER BRIDGE DECK SLAB	Journal of Engineering Science and Technology	Vol. 15, No. 1 (2020)
Theoretical, CFD Simulation and Experimental Study to Predict the Flowrate Across a Square Edge Broad Crested Weir Depending on the End Depth as a Control Section	Proceedings of AICCE'19, Lecture Notes in Civil Engineering.	Vol. 53, 2020
The morphology and elemental variation for contaminated clay soil using Energy Dispersive X-Ray Spectrometry,	IOP Conference Series: Materials Science and Engineering	Vol.737, No.012082, (BCEE4-2020).
CFD Simulation Model and Experimental Study to Implement a New Flowrate Formula for a Rounded Broad Crested Weir Considering the End Depth as Control Section	Periodicals of Engineering and Natural Sciences.	June, 2020.

e) Engineering Adviser

Title Work	Company	Date
Adviser Engineer in water Resources Dept.	Al-Faw Company-Adviser office	2001-2002
Adviser Engineer in Design Dept.	Al-Risafa Water Project	2001-2002

f) Think you Order

Think you order	Date
Head of Al-Mustansriya University (Proof Dr. Taqa Al-Massow)	2011
Head of Al-Mustansriya University (Proof Dr. Ihsan Al-Krashy)	2012
Dean of college of Engineering of Mustansriya University	2013
Dean of college of Engineering of Mustansriya University	2015
Dean of college of Engineering of Mustansriya University	2016
Head of Al-Mustansriya University (Proof Dr. Ihsan Al-Krashy)	2016
Dean of college of Engineering of Mustansriya University	2017
Dean of college of Engineering of Mustansriya University	2018
Head of Al-Mustansriya University (Proof Dr. Sadeq Al-Hammash)	2019
Dean of college of Engineering of Mustansriya University	2019
Head of Al-Mustansriya University (Proof Dr. Hameed Al-Tememi)	2020
Dean of college of Engineering of Mustansriya University	2020

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رئيس قسم هندسة الموارد المائية