



Curriculum Vitae of a faculty member

1. Personal information

Name	Entesar mhamad ghazal
Academic Degree	Assistant Prof.
Job Title	University of Mosul/college of engineering/ Dams and water resources dept.
General Major	Dams and water resources/irrigation and drainage
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2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate				
Master	1987	University of Mosul	Iraq	Irrigation and drainage
Bachelor	1980	University of Mosul	Iraq	Irrigation and drainage

3. Experiences

Employment	Job Title	Period
Associate Engineer	University of Mosul/College of engineering	From - to 1980-1987
Lecturer	University of Mosul/College of engineering	1987 -2005
Assistant Prof.	University of Mosul/College of engineering	2005 -2019

4. Researches & Scientific activities

1	Effect of water type on hydraulic conductivity of saline soil
2	Effect of leaching on the permeability of saline soils
3	Effect of water content on infiltration function
4	Water infiltration through soil with different water content
5	Laboratory study of water infiltration in horizontal and vertical direction
6	Study of infiltration process to find soil water tension and hydraulic conductivity of three chosen soils
7	Dynamic equilibrium for determining drain spacing for different soils
8	Effect of ground water table on irrigation scheduling model
9	Optimal drainage design under Iraqi conditions using DRAINMOD
10	Evaluation of olive irrigation in Bashiqa area
11	A study of factors affecting drain spacing calculated with different methods
12	Effect of drain spacing on water table depth and soil salinity
13	Estimation of infiltration data for different initial soil water content

14	Evaluating performance ofHydrus-1D model in simulating evaporation from soil surface for different wetting intervals
15	Simulation of soil moisture distribution in soil under drip irrigation with different degree water salinity by using HYDRUS-2D
16	Simulation of soil salinity distribution under drip irrigation with different water salinity
17	Testing the performance of Aquacrop model for sunflower production in the middle of iraq
18	Water management under deficit irrigation
19	Modeling of wetting front advance and discharge change of line subsurface drip source

Books

1	Practical experiments in soil physics for 2 nd year students
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5. Scientific Conferences

	Conference Name	Date
1	3rd Scientific Conference of the Dams and Water Resources Research center	1994
2	Participating in all conferences of the Faculty of Engineering	
3	Participating in all conferences of the Dams and Water Resources Research center	
4	First Conference of Engineering Education / Duhok University	2012

6. Training courses for faculty members.

	Training program name	Date
1	University teaching methods/Mosul University	1990

2	Computer Operating System/ Mosul University	1990
3	University Teaching Methods/Mosul University	2005
4	Computer Operating System/ Mosul University	2005
5	Using AquaCrop to model field crop growth and production estimation	2012
6	Using HYDRUS-1D to model water and salinity movement in the soil	2012

- Master's and Doctoral theses which he supervised

	Researcher name	Thesis title	Reg. date
1	Ali Mohammed Yaseen Al-Mola	A Study of Factors Affecting Drain Spacing Calculated with Different Methods	2009
2	Ebada Jassim Ismaeel Al-Shamery	Simulation of Moisture and Salts Distribution in Soil Under Drip With Different Water Salinity Using HYDRUS-2D	2017
3	Abdulghani Kh. Mohammed	Study of wetting front advance of line subsurface drip source	2020

- Theses which he discussed

	Researcher name	Thesis title	date
1	Omar Mkdad Abdul Guny Mahmood	A Computer Model to Simulate the Effect of Deficit Irrigation with Saline Water on Soil Salinity and Yield	2009
2	Ali Mohammed Yaseen Al-Mola	A Study of Factors Affecting Drain Spacing Calculated with Different Methods	2009

3	Muimun Fayez Shareef	Optimum arrangement of sprinkler heads along the pipe of the axial sprinkler irrigation system	2017
4	Ebada Jassim Ismaeel Al-Shamery	Simulation of Moisture and Salts Distribution in Soil Under Drip With Different Water Salinity Using HYDRUS-2D	2017
5	Dheyaa Mohamed Taha	3D- wetted pattern for subsurface drip irrigation by using hole filled with gravel	2019
6	Qamar Moayad Bakir	Wetting pattern for dual line trickle sources	2019
7	Abdulghani Khalaf Mohammed	Study of wetting front advance of line subsurface drip source	2020