



Curriculum Vitae of a faculty member

1. Personal information

Name	Omar MuqdadAbdulgany Mahmood-Agha
Academic Degree	Ph.D
Job Title	lecture
General Major	Water Resources Engineering - Hydrology
Mobil No.	00967736977037
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2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate	2017	Gaziantep University	Turkey	Hydrological Engineering
Master	2009	Mosul University	Iraq	Irrigation Engineering
Bachelor	2003	Mosul University	Iraq	Irrigation and Drainage Engineering

3. Experiences

Employment	Job Title	Period
Faculty Member	University of Mosul - College of Engineering	From 2010–until now

4. Researches & Scientific activities

1	Modeling Effect of Saline Water With deficient Irrigation levels on Soil Salinity and Yield for Maize
2	Modeling Effect of Irrigation Water quality Frequency with difference Leaching requirement on the salts accumulation and yield for sorghum
3	The Effect of Magnetizing Irrigation Water on the Infiltration Rate in Soil
4	The effect of magnetizing irrigation water on the leaching of salty soils.
5	Modeling The Impact of Application Uniformity on The Efficiency, Adequacy, Useful Application Uniformity and Productivity
6	Spatial and Temporal Analysis of Droughts in Iraq Using the Standardized Precipitation Index
7	Spatial and temporal patterns of climate variables in Iraq
8	Disaggregation of Annual to Monthly Streamflow: A Case Study of Kızılırmak Basin (Turkey)
9	Analysis of meteorological drought in Iraq using the Reconnaissance Drought Index (RDI)
10	Homogeneity Analysis of Precipitation Series in North Iraq
11	Spatial and Temporal Variations of Aridity Indices in Iraq
12	A review of Meteorological Drought Based Indices Towards Integrated Water Resources Management in Iraq
13	The Impact of The North Atlantic Oscillation Index on Iraq Climate Factors

Books

5. Scientific Conferences

	Conference Name	Date
1	The effect of magnetizing irrigation water on the leaching of salty soils.	2012
2	A review of Meteorological Drought Based Indices Towards Integrated WaterResources	2019

	Management in Iraq	
3	The Impact of The North Atlantic Oscillation Index on Iraq Climate Factors	2019
4		

6. Training courses for faculty members.

	Training program name	Date
1	Training Course (HTML)	2006
2	Training Course (SPSS)	2006
3	University Teaching Methods - Mosul University	2009
4	GIS using ArcView GIS 3.3	2010
5	University Teaching Methods - Mosul University	2012
6	Spatial analysis using GIS software - ArcGIS10.3	2019

- Master's and Doctoral theses which he supervised

	Researcher name	Thesis title	Reg. date
1			
2			
3			
4			

- Theses which he discussed

	Researcher name	Thesis title	date
1	NawrasSdek Omer	Dam Design for Rainwater Harvesting works for Selected catchment at Mosul City	2019
2			
3			

