




Curriculum Vitae (CV)



College of Engineering / University of Mosul

General information

Personal photo 	Name and Surname	Muwafaq Awad
	Date of Birth	1/1/1979
	Gender	Male ▾
	Scientific Title	Assistant Professor ▾
	Appointment year	2007
	Department	Civil Engineering ▾
	General Specialty	Civil Engineering
	Delicate Specialisation	Geotechnical Engineering
	Official email	mfqawad2015@uomosul.edu.iq
	Contact Number	07739017533

Academic Accounts

Google Scholar	Muwafaq Awad
ResearchGate	Muwafaq Awad

Academia	
Publons	
ORCID	
Scopus	Muwafaq Awad

Certificates

Certificate	Year	Specialisation (General / Exact)	Country	University
PhD	2019	Geotechnical Engineering	United States	University of South Carolina
M.Sc.	2006	Soil Mechanics	Iraq	University of Mosul
BSC	2001	Civil Engineering	Iraq	University of Mosul

Subjects taught

no.	Subject Name	Time period	Department	Educational level
1	Calculus 1	2020-Now	Civil Engineering ▾	First stage ▾
2	Calculus 11	2021-Now	Civil Engineering ▾	First stage ▾
3	Engineering survey/ Lab	2020-2021	Civil Engineering ▾	Second stage ▾
4	Soil Mechanics/ Lab	2020-2021	Civil Engineering ▾	Third stage ▾
5	Engineering Foundation	2021-Now	Civil Engineering ▾	Fifth stage ▾

Scientific and Practical Experience

1. Lecturer at Civil Engineering University of Mosul since 2007
2. Consultant at the Engineering consultant Bureau since 2007

3. Practising Engineer with Geosystem comp./University of South Carolina / United States
2019

Publications (Scientific Journals and Conferences)

1. Long Term Strength and Durability of Clayey Soil Stabilized With Lime
2. Shear-induced matric suction in unsaturated clayey sand during constant water content triaxial tests
3. Extraction/infusion rate effects on continuous soil-water characteristic curves for clayey sand
4. Permeability of Expansive Soils Modified/Stabilized with lime
5. Centrifuge modelling of cone penetration tests in unsaturated clayey sand under various hydraulic conditions
6. Hydraulic conductivity and undrained shear strength of clay-construction and demolition solid waste materials mixtures
7. Evaluation of a modified heat dissipation sensor for measuring water content in geotechnical centrifuge modeling
8. Development of a Compressibility Prediction Model Based on Soil Index Properties and Area Under/Bounded by Consolidation and Rebound Curves
9. Experimental Investigation of Hydraulic Effects on Unsaturated Soils Behaviors
10. Strength and Consolidation Characteristics of Compacted Clayey Soil Having a Special Case of Standard Compaction Curve
11. Effect of Freezing-Thawing Cycles on the Physical and Mechanical Properties of Some Sedimentary Rocks Located Near Mosul City

Patents

- 1.
- 2.
- 3.

Published Books

- 1.
- 2.

3.

Training and continuing education courses

1.

2.

3.

Supervision

Supervising Undergraduate Studies			
No.	Name of The Student	Project Title	Year
1.	Mohammed Ahmed +Mahmood Ahmed	A complete design of Driven Pile	2020-20 21
2.	Muhanned Mujkhlif+ Yasir Ahmed	Design of a mat foundation erected on different type of soils	2021-20 22
3.			
Supervising Postgraduate Studies (Diploma)			
No.	Name of The Student	Project Title	Year
1.	Muhammed FAttah Hadi	Design of Non-Gravity Cantilever Retaining wall	2020-20 21
2.			
3.			
Supervision of Postgraduate Studies (M.Sc.)			
No.	Name of The Student	Project Title	Year
1.	Yasir Hazim Younis	The use of construction demolition waste in stone columns	2021-No w
2.	Ali Adel Jaleel	The effect of design dimensions and earthquakes on the (stability of earth dams (case study: Makhoul Dam	2021-No w
3.			

Supervising Postgraduate Studies (PhD)			
No.	Name of The Student	Project Title	Year
1.			
2.			
3.			

Participation in Viva Examination Committees

Postgraduate Students Discussion (Higher Diploma)			
No.	Name of The Student	Project Title	Year
1.	Rahmaa Hussian Ali	Optimum design of Filters in Earth dams	2021
2.	Nemma	Ground improvement technique of soft clay using Preloading and sand drains	2022
3.	Helkard Khalil	Optimum design of retaining walls in Old Mosul city	2022
Postgraduate Students Discussion (Masters)			
No.	Name of The Student	Project Title	Year
1.			
2.			
3.			
Postgraduate Students Discussion (PhD)			
No.	Name of The Student	Project Title	Year
1.			
2.			
3.			

Consulting Services

1. Design and analysis of Shallow and Deep foundations

2. Design and analysis of Earth dams, levees, and embankments
3. Soil mechanics problems

Scientific Activities

- 1.
- 2.
- 3.

Administrative Positions

No.	Administrative Position Name	Workplace	Time period
1.			
2.			
3.			

Committees

No.	Committee name	Time period
1.		
2.		
3.		

