



Curriculum Vitae of a faculty member

1. Personal information

Name	Moataz A. Al-Obaydi
Academic Degree	Ph.D., Geotechnical Engineering
Job Title	Assisst Professor
General Major	Civil Engineering – Geotechnical
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2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Post-doctoral	2010	Middle East Technical University- Ankara	Turkey	Geotechnical Engineering
Doctorate	2006	IIT Roorkee	India	Geotechnical Engineering
Master	1992	University of Mosul	Iraq	Soil Mechanics & Foundation Engineering
Bachelor	1986	University of Mosul	Iraq	Civil Engineering

3. Experiences

Employment	Job Title	Period
Private sector	Supervisor Engineer in Civil Engineering Field	1986 - 1989
Research center, University of Mosul	Assistant Lecturer, Currently in Charge of Geotechnical Laboratory Research Center	1993 - 1996
Civil Eng Dep, College of Engineering, University of Mosul.	Lecturer, Currently in Charge of Soil & Rock Mechanics Laboratory	1996 - 2000
Civil Eng Dept, IIT Roorkee	Postgraduate PhD research scholar	2001 - 2006
Civil Eng Dep, College of Engineering, University of Mosul.	Lecturer, Currently in Charge of Soil Laboratory	2006 - 2009
Civil Eng Dep, College of Engineering, University of Mosul.	Assistant Professor, Currently in Charge Geotechnical Laboratory,	2009 – till now

4. Researches & Scientific activities

1	"Lime Stabilization of Gypseous Soils". 5 th Arabic Conference on Structural Engineering, Vol.2, Tripoli, 1993, pp.1002-1013.
2	"Compaction and Strength Characteristics of Lime Stabilization Highly Gypseous Soils". 3 rd Scientific Conference of Research Center, 1994, University of Mosul, Iraq,.
3	"Some of the Geotechnical Properties of Slime-Phosphogypsum Mixtures". Scientific Journal Tikrit University, Engg. Sci., Vol.4, No.3, 1997, pp.95-107.
4	"Compaction and Strength Characteristics of Slime, Phosphogypsum and Soil Mixtures". Dirasat an International Refereed Journal, Natural and Engg. Sci., Vol.24, No.3, 1997, pp.567-576.
5	"Shear Strength of Lime Stabilized Gypseous Soils". Scientific Journal Tikrit University, Engg. Sci., Vol.5, No.1, 1998, pp.24-38.
6	"Long-Term Strength of Gypseous Soils Stabilized with Lime". Scientific Journal Tikrit University, Engg. Sci., Vol.5, No.2, 1998, pp.18-30.
7	"Effect of Moisture Content on the Shear Strength Parameters of Gypseous Soils". Scientific Journal Tikrit University, Engg. Sci., Vol.6, No.2, 1999, pp.60-72.
8	"Three-dimensional Joint/Interface Element for Rough Undulating Major Discontinuities in Rock Masses". International Journal of Geomechanics, ASCE, Vol. 8, No. 6, 2008, pp.327-335.

9	"Numerical implementation of anisotropic continuum model for rock masses". International Journal of Geomechanics, ASCE, Vol. 8, No. 2, 2008, pp. 157-161.
10	"3D Analysis of Coupled Stress-Flow in Jointed Rock Masses Using Finite Element Method". 42 nd U.S. Rock Mechanics Symposium, ARMA 08-199, 2008, San Francisco.
11	"3D Coupled Stress-Flow Analysis of Jointed Rock Mass Beneath a Concrete Dam". 3rd International Conference on Water Resources and Arid Environments, 1st Arab Water Forum, 2008. King Fahd Cultural Centre in Riyadh, King Saud University, Saudi Arabia.
12	"Nonlinear Analysis of Nathpa Jakhri Powerhouse Cavern – A Case Study". Journal of Rock Mechanics and Tunnelling Technology, Vol. 14, No. 1, 2008, pp.23-45.
13	"Strength characteristics of hollow specimens from sedimentary rocks". Journal of Rock Mechanics And Tunnelling Technology, Vol. 15, No.2, 2009, pp.97-116.
14	"Strength and durability of gypseous soil treated with waste lime and cement". Al-Rafidain Engineering Journal, Vol. 18, No. 1, 2010, pp.28-42.
15	"3D-Simulation of Excavation Process". IGC-2010, Bombay, India, 2010, pp.953-956.
16	"Behavior of limestone rock under various confining pressure". Journal of Rock Mechanics and Tunnelling Tehnology (JRMTT), Vol. 20, No. 2, 2014, pp.83-92.
17	"Effect of the horizontal distance of tunnel on the subsidence of the surface building". Al-Rafidain Engineering Journal, Vol. 23, No. 3, 2015, pp.53-64.
18	"Effect of number of piles on load shearing in piled raft foundation system in saturated gypseous soil". International journal of civil engineering and Technology, Vol. 9, No. 3, 2018, pp.932-944.
19	"Characteristics of three-dimensional flow around underground structures". 5 th International conference in engineering, IEC2019, Erbil, Iraq.

5. Scientific Conferences

	Conference Name	Date
1	5 th Arabic Conference on Structural Engineering, Tripoli.	1993
2	3 rd Scientific Conference of Research Center, University of Mosul, Iraq.	1994
3	42 nd U.S. Rock Mechanics Symposium, ARMA 08-199, San Francisco.	2008
4	3rd International Conference on Water Resources and Arid Environments, 1st Arab Water Forum. King Fahd Cultural Centre in Riyadh, King Saud University, Saudi Arabia.	2008
5	IGC-2010, Bombay, India.	2010
6	5 th international Engineering Conference IEC2019, IEEE, Erbil, Iraq.	2019

6. Training courses for faculty members.

	Training program name	Date
1	Post-Doctoral, Middle East Technical University, Ankara	2010
2	Training course in teaching methods	1993
3	Training course in English language	1998
4	Training course in Computer user	2009
5	Training course in Arabic language	2018

- Master's and Doctoral theses which supervised

No.	Researcher name	Thesis title	Reg. date
1	Bashar M. J. Al-Khayat	Effect of confining, loading, and cracks on an expansive soil from Mosul area through wetting and drying cycles. (M.Sc. thesis)	2008
2	Ali A. H. Al-Zubaidy	Effect of excavation method of tunneling on ground subsidence. (M.Sc. thesis)	2013
3	Yusra H. K. AL- Goobery	The Behavior of Limestone Rock with openings under different Loading Conditions. (M.Sc. thesis)	2014
4	Zeena A. S. Al-Kazzaz	Study of behavior of stone columns in improving the properties of soft soil by finite element method. (M.Sc. thesis)	2015
5	Fouad A. A. Al-Galabi	Numerical and experimental study of piled-raft foundation system in gypseous soils. (PhD thesis)	2018

- Theses which discussed

No.	Researcher name	Thesis title	Date
1	Haifa M. Saleh	Nonlinear finite element analysis of reinforced concrete pipes under external loads up to failure.	2007
2	Yusra A. Al-Healy	Settlement analysis of earth dams saturated-unsaturated located in Mosul government. (M.Sc. thesis)	2009
3	Anoor N. Ameen	Three dimensional analysis of rectangular shallow foundations subjected to eccentric inclined loads. (M.Sc. thesis)	2008
4	Mohammad Y. Abdullah	Study of clayey soil treatment by add sand and reinforcement by geotextile to use in construction of roads. (M.Sc. thesis)	2011
5	Mahmood G. Al-Abbabeey	Water and contaminants movement through saturated-unsaturated soils with applications. (PhD thesis)	2011
6	Mohanad N. Al-Shindah	Finite Element analysis for bearing capacity of circular footing on geogrid reinforced sand. (M.Sc. thesis)	2011
7	Moafak A. Gedik	The effect of washing by salts solution on the expansive soil. (M.Sc. thesis)	2011
8	Harith E. Ali	Deterioration Mechanism of Stones in Iraqi Historical Buildings (PhD thesis)	2012
9	Hadeel M. S. Othman	Study of durability of some limestone rocks of Mosul city. (M.Sc. thesis)	2012
10	Yasser K. Al-Ani	Modeling of gypseous soils with cavities.	2013
11	Hend J. Malood	Pressure-settlement characteristics of square foundations using finite element method. (M.Sc. thesis)	2013
12	Khawla A. Al-Juari	Experiemntal and numerical Analysis for retaining wall in saturated-unsaturated expansive soil. (PhD thesis)	2018
13	Rabeea A. Mohammad	Experimental and numerical model for slope stability of unsaturated soil. (PhD thesis)	2018
14	Fouad A. Mohammad	Numerical and experimental study of piled-raft foundation system in gypseous soils. (PhD thesis)	2018
15	Ianas H. Al-Hayali	Numerical Analysis of stability slope and treatments- parametric study. (M.Sc. thesis)	2019