



Curriculum Vitae of a faculty member

1. Personal information

Name	Amina Ahmed Khaleel
Academic Degree	Assistant professor
Job Title	University of Mosul / Collage of Engineering / Civil Engineering Department.
General Major	Soil Mechanics
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Website	https://www.researchgate.net/profile/Amina_Khalil https://scholar.google.com/citations?user=j2ookqcAAAAJ&hl=ar

2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Master	2008	University of MOSUL	Iraq	Soil mechanic
Bachelor	1997	University of MOSUL	Iraq	Civil Engineering

3. Experiences

Employment	Job Title	Period
Senior Engineer	Eng. Department, University of Mosul	2008 - 1999
Assistant Lecturer	Eng. Department, University of Mosul	2008-2011
Lecturer	Eng. Department, University of Mosul	2011-2015
Assistant Professor	Eng. Department, University of Mosul	2015-until now

4. Researches & Scientific activities

1. Asaad Al-Omari, Amina A Khalil, Suhail Khattab, "**From in situ investigation to FEM analysis: Application of Al-Hadba minaret foundation**", AIP Conference Proceedings, 2020.
2. Abdulrahman Aldaood, Amina Khalil, Ibrahim Alkiki, "**Impact of Randomly Distributed Hay Fibers on Engineering Properties of Clay Soil**", Jordan Journal of Civil Engineering, 2020.
3. Abdulrahman H ALDAOOD, Amina A Khalil, Ibrahim M Alkiki, "**Soil Reinforcement Using Natural and Synthetic Fibers (A Review)**", Al-Rafidain Engineering Journal (AREJ),2020.
4. Ahmed A Hazim, Amina A Khalil, "**Effect of Water Seepage from Pipe Leakage and Septic Tanks on Expansive soils properties**", Kirkuk University Journal-Scientific Studies, 2019.
5. Abdulrahman ALDAOOD, Marwen BOUASKER, Amina KHALIL, Ibrahim ALKIKI, AL-MUKHTAR Muzahim, "**Freeze-thaw behavior of gypseous soil**", Zanco Journal of Pure and Applied Sciences, 2019.
6. Amina A Khalil, Mohammed NJ Alzaidy, Zeena A Kazzaz, "**BEARING CAPACITY OF STRIP FOOTING ON LIME STABILIZED EXPANSIVE CLAYEY SOIL**", Tikrit Journal of Engineering Sciences,2019.
7. Amina A. Khalil " Volume change study due to moisture variation related to different sources ", International Journal of Engineering & Technology, 7 (4) (2018) 4311-4319.
8. Abdulrahman ALDAOOD, Amina Khalil, Marwen Bouasker, Muzahim AL-MUKHTAR: "**Freezing–Thawing Behavior of Lime Treated Fine–grained Soil**1st International Conference on Engineering Challenges in Kurdistan, Engineering College of Nawroz University; 2018.
9. Abdulrahman Aldaood, Amina Khalil, Madyan ALSAFFAR, Ibrahim Al-Kiki: "**Volume Change and Cracks Behavior of Lime Treated Expansive Soils**. 1st International Conference on Engineering Challenges in Kurdistan, Engineering College of Nawroz University; 2018.
10. Abdulrahman ALDAOOD, Marwen BOUASKER, Amina KHALIL, Muzahim AL-MUKHTAR, "**Mechanical behavior of natural fiber - reinforced cemented soil**", International civil engineering and architecture symposium for academicians, Turkey-Antalya, 2014.
11. Amina. A. Khalil, "**Slope Stability Study of Residential Area in Hay AL-Araby / Mosul with Suggested Remedial Application**", Published in Engineering and Technology Journal, Technology University, 2014 .
12. Abdulrahman Aldaood, Marwen Bouasker, Amina A Khalil, and Ibrahim Al-Kiki, "**STABILITY BEHAVIOR OF LIME STABILIZED GYPSEOUS**

- SOIL"**, 1st International Conference for Geotechnical Engineering and Transportation ICGTE, 2013.
13. Suhail A. A. Khattab, Amina A. K. , and kaythar A. Ibrahim, "**Improvement of Soft Soil Properties Using Dynamic Compaction with Stone Columns: Case Study (AL-Mualla Site-Yeman) "**", 1st International Conference for Geotechnical Engineering and Transportation ICGTE, 2013.
 14. Suhail I. A. Khattab, Amina. A. Khalil & Mohammed K. Faris, "**Durability of some Weak Rocks Selected from Nineveh**", Published in Engineering and Technology Journal, Technology University, 2014 .
 15. Suhail I. A. Khattab¹, Amina A. Khalil^{*1} and Abdullah A. Ibrahim, "**Dissolved sulfate transport through soils in Al- Mishraq deposit**", International Journal of Geotechnical Engineering, 2013.
 16. Suhail A. A. Khattab, Amina A. K. AL-Shumam, "**Seismic Stability Analysis of BADUSH Dam**", International Symposium on Sustainable Geosynthetics and Green Technology for Climate Change (SGCC), Bangkok, Thailand, 2012.
 17. Suhail A. A. Khattab, Amina A. K. , "**Numerical Modeling of Pore Water Pressure Development in MOSUL Dam**", Published in Engineering and Technology Journal, Technology University, 2013.
 18. Amina. A. Khalil, "**Numerical Modeling of Pore Water Pressure Development within a Thin Clay Core in an Earth Dam "**", Published in AL-Rafidain Engineering Jorunal, Mosul University, Mosul, IRAQ, 2012
 19. M. T. Al- Layla, Suhail A. A. Khattab, & Amina A. K. AL-Shumam, "**Stability of Al-Hadba minaret a-parametric study**", Published in Engineering and Technology Journal, Technology University, 2010.
 20. Suhail A. A. Khattab, Asmaa A. A., & Amina A. K. AL-Shumam, "**Range of Contaminant Transport in Soil Under Saturated/ Unsaturated Conditions With Case Study**", Published in AL-Rafidain Engineering Jorunal, Mosul University, Mosul, IRAQ, 2009.
 21. Suhail A. A. Khattab, Amina A. K. AL-Shumam, "**Effect of cavity on Stress distribution and Settlement under Foundation**", Published in AL-Rafidain Engineering Jorunal, Mosul University, Mosul, IRAQ, 2009.
 22. Suhail A. A. Khattab, Amina A. K. AL-Shumam, "**Effect of cavity on Stress Settlement under Foundation of Iron Factory in Mosul City**", Published in 1-st International Engineering Science Conference IESC 2008, University of Aleppo, Syria, 2-4 November - 2008.

Books

5. Scientific Conferences

No.	Conference	Conference site	Date
1	Geotechnical challenges of mega projects	Iraqi Scientific Society of Soil Mechanics and Foundation Engineering,	2020
2	Ground improvement techniques and applications	Iraqi Scientific Society of Soil Mechanics and Foundation Engineering,	2020
3	2nd International Conference on Materials Engineering & Science (IConMEAS 2019)	University of Technology Baghdad, Iraq	Septem. 25-26, 2019
4	1st International Conference on Engineering Challenges in Kurdistan Region	Duhok, Kurdistan Region, Iraq	May 5th to 6th, 2018
5	International civil engineering and architecture symposium for academicians	Turkey-Antalya	17-20 May 2014
6	The First International Geotechnical and Transportation Engineering Conference	University of Technology, Baghdad, Iraq	April 3 to 4, 2013
7	International Symposium on Sustainable Geosynthetics and Green Technology for Climate Change (SGCC).	Bangkok, Thailand	20 to 21 June 2012
8	Ninth Conference of the Society of the Engineering Colleges of the Arabic University of Aleppo, Syria.	University of Aleppo, Damascus Syria	13-14 April - 2009
9	1-st International Engineering Science Conference IESC 2008, University of Aleppo, Syria	Aleppo, Aleppo Syria	2-4 November - 2008

6. Seminar discussions hosted by the teaching

Title	Date	Site seminar
Evaluation forms for the teaching performance	2019	Department of Civil Engineering / University of Mosul
How to create an electronic classroom and interact with it as a professor and as a student	2018	Department of Civil Engineering / University of Mosul
Numerical analysis and software use in soil mechanics issues	2012	Department of Civil Engineering / University of Mosul
The effect of cavities formed in the soil on building foundations	2012	Department of Civil Engineering / University of Mosul
Modern prospects in geotechnical engineering	2010	Department of Civil Engineering / University of Mosul

7. Symposium

Title	Date	Site symposium
Historical and modern applications in geotechnical engineering	2020	Iraqi Scientific Society in Soil Mechanics and Foundation Engineering
Application of finite element method in geotechnical engineering	2020	Iraqi Scientific Society in Soil Mechanics and Foundation Engineering
Geotechnical solutions to the problems of weak soils in Iraq	2020	Iraqi Scientific Society in Soil Mechanics and Foundation Engineering
The role of geo-information technologies in managing health crises	2020	Remote Sensitivity Center / University of Mosul
Geotechnical Engineering and Dams - Problems and Solutions	2019	Department of Civil Engineering / University of Mosul
Using and recycling the rubble of demolished buildings in the reconstruction	2019	Department of Civil Engineering / University of Mosul
Advantages of locally produced cement and its role in rebuilding Mosul	2019	Department of Civil Engineering / University of Mosul
Geotechnics and engineering problems for the buildings of the city of Mosul.	2012	Department of Civil Engineering / University of Mosul
Modern prospects in geotechnical engineering	2010	Department of Civil Engineering / University of Mosul

8. Training courses for faculty members .

No.	Training program name	Date
1	Teaching manner - University of Mosul	2008
2	Teaching manner - University of Mosul	2011
3	Arabic Language - University of Mosul	2018
4	Online exam form using Google Classroom Forms with Google Form	2020
5	Training on the meet program and electronic attendance registration mechanism	2020
6	Meet training software	2020
7	From traditional to virtual lecture	2020
8	Let's Break the Chain of COVID-19 Infection	2020
9	E-learning breaking time, Space, and Pandemic	2020

- Master's and Doctoral theses which he supervised
Supervision of post graduate students (MSc and higher diploma)

Higher diploma

No	Researcher name	Thesis title	Reg. date
1	Salim abdullah Khalid	Retaining Walls Design Parametric and Case Study	2014
2	Qusay sadeek Al-khayat	Comparison among immediate settlement values of soil obtained by different methods	2018
3	Gihan Mohammed	Design of Soil Nailing Wall – Case Study	2020
4	Mohammed delshad	Design of retaining structures with soil - structure interaction effects	2020

M.Sc Thesis supervision

No	Researcher name	Thesis title	Reg. date
1	Ahmed A. Hazim	Effect of water movement on volumetric volume change of soil under the foundations of lightweight structures	2019
2	Ahmed Abd Alkarim	Effect of Water Seepage on the Volume Change of Expansive Soil under Light Weight Buildings' Foundations	2019
3	Ali Nazal Mohammed	Effect of Swelling Pressure on Bearing Capacity of Expansive Soil	2020
4	Dalal Awny Al-Deen	Using of Vertical Barriers to Control an Industrial Contaminants Movement Through Soil	2020
5	Noor yaseer younes	Prediction of fatigue and rutting premature distress in flexible pavements using mechanistic-empirical method	2020

- Theses which he discussed

	Researcher name	Thesis title	Date
1	Methane Mohammed	Design of path the MOSUL - Sinjar Highway - Geotechnical Study	2014
2	Enas Hisham Mohammed	Numerical Study of Slopes Stability and Treatment Parametric Study	2019
3	Heba Haitham Ali	Study stability of reinforced earth structures	2020
4	Ahmed I. M. AL-Obadee	Analytical and numerical study of vertical displacement of foundations of the machines resting on the soil surface	2020