

Dr. Lubna Abdulrahman Khadier Salem



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Doctor of Philosophy in Civil Engineering- Geotechnical Engineering

Senior Lecturer-Civil Engineering Department – Al-Mansour University College

EXPERIENCE AND SKILLS

Employment History (most current first)

Company/Employer	location	Position Title	Period		Working Hours
			From	To	
Al- Mansour University	Baghdad	Senior Lecturer	October 2013	Till now	Full Time
College of Engineering/ Baghdad University	Baghdad	Lecturer	October 2012	February 2013	Full Time
Engineering Consultancy Bureau in College of Engineering/ Baghdad University	Baghdad	Engineer	March 2011	October 2013	Full Time
Engineering Consultancy Bureau in College of Engineering/ Baghdad University	Baghdad	Engineer	October 2013	April 2014	Part Time

- Wide experience in testing of different construction material
- Skilled in finite element modelling for civil engineering problems

EDUCATION

Academic Degrees			
University	Department	Degree	Year/City
Baghdad University	Civil Engineering	PhD	2017/ Baghdad
Baghdad University	Civil Engineering	Master	2011/ Baghdad
Baghdad University	Civil Engineering	Bachelor	2008/ Baghdad

SCIENTIFIC SUPERVISION:

1. Advisory committee member of ZIBELINE INTERNATIONAL PUBLISHING
2. Technical Committee Member of ICCAEE 2020
3. Technical Committee Member of JCCME 2020
4. Editorial Board Member of Health and Environment journal
5. Editorial Board Member of Materials Engineering Research journal
6. Editorial Board Member of Resources Environment and Information Engineering journal
7. Supervisor on 13 Graduation Projects in MUC-Baghdad Since 2013
8. Reviewer for several Journals and Conferences; I have reviewed more than 10 articles.

PUBLICATIONS

1. Lubna A. Kh. Salem and Bushra S. Albusoda, (2012), “**Bearing capacity of shallow footing resting on dune sand**“, *Journal of College of Engineering*, University of Baghdad. Volume 18.
2. Lubna A. Kh. Salem and Bushra S. Albusoda, (2012), “**Stabilization of Dune Sand by Using Cement Kiln Dust (CKD)**“, *Journal of Earth Sciences and Geotechnical Engineering*, vol. 2, no. 1.
3. Lubna A. Kh. Salem and Bushra S. Albusoda, (2016), “**Effect of pile spacing on the behavior of piled raft foundation under free vibration and earthquake**“, *Australian Journal of Basic and Applied Sciences*, 10(12), Pages: 240-247.
4. Lubna A. Kh. Salem and Bushra S. Albusoda, (2016). “**The effect of interaction on pile-raft system settlement subjected to earthquake excitation**” *Applied Research Journal*, Vol.2, Issue, 4, pp.205-214.
5. Lubna A. Kh. Salem, Amer Hasan Taher and Ahmed Mancy Mosa, (2018). “**Enhancement of subgrade properties using magnesium oxide for pavement construction**” *International Journal of Engineering and Technology*, Vol.5.

6. Amer Hasan Taher, Lubna A. Kh. Salem, and Ahmed Mancy Mosa, (2018). **“Aerobic and anaerobic treatment for greywater using large scale mode”** International Journal of Civil Engineering and Technology, Vol 9(9):842-849.
7. Mosa, A., M., Jawad, I., T., Salem, L., A. (2018) **"Modification of the Properties of Warm Mix Asphalt Using Recycled Plastic Bottles. International Journal of Engineering"**31:1514-1520
8. Mosa AM, Salem LA, Waryosh (2020) **“New Admixture for Foamed Warm Mix Asphalt: A Comparative Study”** Iranian Journal of Science and Technology, Transactions of Civil Engineering.
9. L. A. Salem, A. H. Taher, A. M. Mosa, and Q. S. Banyhussan, **"Chemical influence of nano-magnesium-oxide on properties of soft subgrade soil,"** Periodicals of Engineering and Natural Sciences, vol. 8, pp. 533-541, 2020.
10. A. M. Mosa, L. A. Salem, and Q. S. Banyhussan, **"Overcoming Concreting Problems of Rigid Pavements using Knowledge-Based System,"** Civil Engineering Beyond Limits, vol. 2, pp. 12-17, 2021.
11. A. M. Mosa, M. H. Al-Dahlaki, and L. A. Salem, **"Modification of roadbed soil by crushed glass wastes,"** Periodicals of Engineering and Natural Sciences (PEN), vol. 9, pp. 1038-1045, 2021.
12. A. M. Mosa, L. A. Salem, and Q. S. Banyhussan, **"Treatment of cracking in rigid highway pavements using knowledge-based System,"** International Journal of Innovation in Engineering, vol. 2, pp. 68-77, 2022.
13. AM Mosa, LA Salem, QS Banyhussan **“ Chemical influence of magnesium oxide on the engineering properties of clayey soils used as road subgrade”** Journal of Engineering Science and Technology 17 (4), 2615-2630.
14. MY Nama, LA Salem, AM Mosa **“ Simplified Analytical Model and Shaking Table Test Validation for Seismic Analysis of Piled Raft Foundation”** International Journal of Science and Business 22 (1), 102-114.

AWARDS, THANKS & APPRECIATION, AND PATENTS IF ANY

- Thank letter from the Al-Technology University.
- Thank letter from the **University of Al-Qadisiyah**
- Many thanks and appreciation from Dean of Al-Mansour University College during the period of my job.