

CURRICULUM VITA (CV)

Personal information:

Name: Dr. Bassim Jabar Abass Al-Musawi

Address: Iraq- Al Muthanna-Alrumaitha district.

E-mail: basm.jabar @yahoo.com - basim.jabar@gmail.com

Mobile: 07801302875 - 07830801477

Place and Birth Date: Al-Rumaitha, 14/04/1976

Social state: Married.

Qualification:

- **Academic Record.**

B.Sc : College of engineering -Kufa University, Najaf, 1998

M.Sc : Master degree in geotechnical (soil & foundation) Dpt. Al- Technology University, Baghdad, 2001

Ph.D. In geotechnical (soil & foundation) Dpt, Al- Nahrain University, Baghdad, 2015

- **Languages:** Arabic (native) and English,
- **Excellent experience** in digital computing and using famous packages of MS (Word, Excel, Access , and power point) and engineering applications as AutoCAD (2019), PLAXIS (3D, 2014), SAP 2000, Prokon, Etabs and SAFE.

Scientific Experience:

- Assist. Lecturer: 2005

- Lecturer: 2015

- Assist. Professor: 2018.

Practical experience

- Ali Al_karki Company for contracting & constructions in Jordan – Constructing prison building as site engineer.

- United Company for contracting in Jordan –laying water network in Amman and pavement the roads as site engineer.
- Al Rizq company for housing in Jordan – constructing buildings for housing as manger of site.
- 2003-2005 worked in NGO United Nation Agency for cooperation and technical developments as supervisor on the followings.
 1. Rehabilitation of water compact units in Rumaitha & Warkaa and khider.
 2. Rehabilitation of water compact units in Nasirya province.
 3. Rehabilitation of Sub Street in Al Garbi amd Al Sharqi Quarter of Samawah city.
 4. Laying pipelines for Al-Rumeitha water dept.
 5. Filling the swamps and concrete channels in Rumaitha and Khider
 6. Rehabilitation of the middle area and sewers line in Iskan Building in Samawa.
 7. Construction sewage treatment plants for Al Rumaitha and Al Khider hospitals.
 8. Construction of two primary school in Al warka sub district.
 9. Rehabilitation of typical model schools in Al-Muthanna governate.
- 2005 to now. lecturer in engineering college – Al-Muthanna university, the achived work in this scope as following:
 - 1- Structural design for foundations in multiple projects within the university.
 - 2- Designing the ceiling of the hall in the College of Medicine.
 - 3- Consultant Engineer for many projects at Al-Muthanna university.
 - 4- Consultant Engineer at the stadium intersection bridge.
 - 5- Designing and supervising the commercial buildings in Samawah.
 - 6- Structural design for foundations at Al-Khidr Hospital.

- 7- Consultant Engineer the Traffic Directorate project in Samawa.
 - 8- Conduct soil investigations of 30 sites in Al Muthanna.
 - 9- Conducting soil investigations for 8 sites in Nasiriyah.
 - 10-Structural rehabilitation of the drugs stores in Samawah.
 - 11- Consultant Engineer Al-Hakim Hospital in Najaf.
 - 12- Consultant Engineer the Al Khyool recreational project in Diwaniya.
 - 13- Consultant Engineer the railway construction works with 3 bridges in Samawah.
- Manger of Scientific and Consultancy Bureau at College of Engineering/ Al.Muthanna University 2016/2017.

Published papers

- **Effect of Boundaries Isolation on Dynamic Response**, 2nd European conference on Earthquake engineering and seismology, Istanbul, Aug. 25-29, 2014.
- **Effect of Soil-Pile Cap Interaction on The Dynamic Response of Rotary-Machine Foundations**, Al.Muthanna Journal for Engineering Sciences, 2015.
- **The Settlement Evaluation of Improved Soft Clay Using Sand Columns and Partial Replacement Technique**, International Journal of Engineering Research & Technology (IJERT) Vol. 5 Issue 07, July – 2016.
- **Parametric Studies of Reducing Applied Stress on Buried PVC Pipes Using Finite Element**, Al.Muthanna Journal for Engineering Sciences, Vol.(5), No.(2), (2017), 21-29.
- **Mechanical Behavior of Recycled Self-Compacting Concrete Reinforced with Polypropylene Fibres**, Journal of Architectural Engineering Technology Volume 6 Issue 2.

- **Structural Rehabilitation of Damaged Building Due to Cracking,** International Journal of Civil Engineering and Technology (IJCET) Volume 9, Issue 8, August 2018, pp. 1346–1352.
- **Behavior of Sand Soil Due TO Interaction Between soil and Structural Materials,** International Journal of Civil Engineering and Technology (IJCET) Volume 9, Issue 9, September 2018, pp. 194–214.
- **Finite Element Analysis of Spread Footing Near Slops,** IOP Conference Series, 2nd International Conference on Sustainable Engineering Techniques (ICSET 2019), Materials Science and Engineering, 518 (2019) 022055.
- **A Case Study on Design of Ring Footing for Oil Storage Steel Tank,** International Journal of Engineering & Technology, 7 (3.36) (2018) 190-195.
- **Influence of Hybrid Fibers on the Fresh and Hardened Properties of Structural Light Weight Self-Compacting Concrete,** IOP Conference Series, 2nd International Conference on Sustainable Engineering Techniques (ICSET 2019).
- **Mechanical Properties of Lightweight Aggregate Moderate Strength Concrete reinforcement with Hybrid Fibers,** International Conference on Civil and Environmental Engineering Technologies, IOP Conf. Series: Materials Science and Engineering 584 (2019) 012048.
- **Performance Evaluation of Fiber and Silica fume on Pervious Concrete Pavements Containing Waste Recycled Concrete Aggregate,** International Journal of Advancements in Technology.