

Halimat Ahmed Awla

Erbil - Iraq

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Marital Status : Married

ACADEMIC QUALIFICATIONS

Msc. Civil engineering 2017-2019	Firat University- Faculty of Engineering -Turkey
Bsc. Civil engineering 2004-2008	Erbil Polytechnic University- Technical Engineering College- Iraq

KEY COMPETENCIES AND SKILLS

Software skills

- ABAQUS
- SeismoStruct
- CSI SAP & ETABS
- AutoCAD
- 3DS Max
- Windows & MS Office.

Language skills

- Kurdish – Native language
- English – Good (having 5.5 in IELTS Academic Exam)
- Arabic - Good

CERTIFICATES

- Pedagogical training certification (30 ECTS) from 19-1-2020 to 19-7-2020, Soran University
- IELTS academic, Overall band score (5.5), 2-Nov-2019, Erbil centre, Candidate No: 004766

PUBLICATIONS

- Evaluation of the accuracy of shell elements when used for modelling masonry minaret structures under seismic loading <https://doi.org/10.1007/s42107-023-00620-6>
- Utilization waste granulated blast furnace slag to improve the properties of polluted soil with crude oil <https://doi.org/10.1063/5.0107724>
- Effectiveness of ACI-318 and TS-500 Codes on Nonlinear Seismic Analysis of RC structures: Force-Based Approach <https://doi.org/10.21203/rs.3.rs-1901894/v1>
- Accuracy Assessment of Shell Finite Elements for Considering to Masonry Structures Under Seismic Loading https://doi.org/10.1007/978-981-16-6277-5_45
- Evaluating Nonlinear Behavior of a Reinforced Concrete Building with Shear Walls and Concentric Steel Bracings https://doi.org/10.1007/978-981-16-6277-5_41
- Numerical investigation of the effect of slope angle and height on the stability of a slope composed of sandy soil <https://doi.org/10.17714/gumusfenbil.1051741>
- Full 3D modeling of soil structure interaction by using solid finite elements <https://doi.org/10.36909/jer.10683>
- Utilization of Styrene-Butadiene Rubber (SBR) Polymer Replacement of Fine Aggregate in Concrete <https://iopscience.iop.org/article/10.1088/1755-1315/856/1/012032/pdf>
- Shear strength parameters of sand-tire chips mixtures <https://doi.org/10.17714/gumusfenbil.865490>
- Effect of SSI and Fixed-base Concept on the Dynamic Responses of Masonry Bridge Structures, Dalal Bridge as a Case Study <https://doi.org/10.25007/ajnu.v11n3a857>
- Effect of Fixed-Base and Soil Structure Interaction on the Dynamic Responses of Steel Structures <https://doi.org/10.30534/ijeter/2020/223892020>
- Numerical investigation of the effect on ultimate loading capacity of different longitudinal reinforcement ratios of a RC portal frame <https://doi.org/10.31462/jseam.2018.03147154>

ACADEMIC TEACHING

I'm lecturing Mathematics and Computer applications at Erbil Polytechnic University - Choman technical institute - Information technology department.

MEMBERSHIP

- Kurdistan Engineers Union (KEU)
- American Society of Civil Engineers (ASCE)
- American Concrete Institute (ACI) – Kurdistan Chapter

CAREER HISTORY AS A PROJECT ENGINEER

Responsible as both supervisor and site engineer for various construction and civil engineering projects in public and private sectors ,direct executing ,creating detailed plans ,monitoring / updating progress from September 2008.

As a supervisor engineer :

- Head of the engineering unit at EPU-Choman Technical Institute from April 2011 to Oct. 2017.
- Head of the supervisor committee of Choman Technical Institute new campus project / 2013-2015 .

As a contractor engineer (site engineer) :

- 132 KV transmission electrical line Soran-Hajomeran 2022 / Hero Company.
- Project of cleaning and maintaining water reservoirs in (Rawanduz and Choman) districts 2019/ RWANGA foundation / GIZ funded.
- Project of two story 2000m² complex building for Halji-Omeran International Border Crossing 2016/2017 / Balakayati company.
- Project of a hospital in Warte Sub-District / 2013 /Kaka Company.
- The project of flexible pavement for main road Ranya-Warte /2013/ Bwer Company.
- P.U.K Building 3 story Project in Choman District / 2012-2013/Dargazen Co. – Nokan Group.
- The project of flexible pavement Warte – Zewe / 2012/ Bwre Company.
- Project of complex Sub-District Building in Warte /2012/ Bzhyan Company.
- Project of a retaining wall for Warte Sub-District Building / 2012/Bzhyan Company.
- Maintenance main street in Sarnaws Village / 2011/Halamond Company.
- Concreting internal streets for Warte Sub-District / 2011/Halamond Company.
- Concreting internal streets for Dargala Village /2011/ Halamond Company.
- Reshaping and Flexible pavement main road between Qasree and Soreban /2010/ Khozan Company.
- Concreting internal streets for Omerawe village /2010/ Hasar Company.
- Asiaceil Project on Mamarut mountain, consisted of a 70 meter steel tower and a residence house/2009-2010 .
- Creating internal streets with both Flexible and Rigid Pavement , retaining wall , and sewerage system for three Alleys in Soran District / 2009/ Aram Company.
- Project of 72 irrigation open channel in 72 villages in Choman district / Avesta Company / 2008-2009/ FAO Funded.
- Concreting internal streets for Qasree Sub-district / 2008/ Miroz Company.
- Design and execution many private projects.