

CURRICULUM VITAE

Personal Data:

Name: Enas AB Mohamed Elmusrati.

Data and Place of Birth: 08/02/1980, Tripoli, Libya.

Nationality: Libyan.

Marital Status: Married.

Languages: Excellent Arabic (Native language)/ English (Very good).

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PROFILE:

- Sound experience in concrete technology and design of reinforced concrete structures.
- Perform well in multi-tasking situations; flexible and adaptable with excellent problem solving skills.

Education and Academic Qualifications:

M. Sc. ‘Analysis of Circular Plates of Variable Thickness Using Mixed Finite Element Method’ Department of Civil Engineering, University of Tripoli, 2009.

B. Sc. ‘Structural Design of Intze Tanks’ Civil Engineering, University of Tripoli, Libya, 2003.

Academic Profile:

Full Time Job at Civil Engineering Department, University of Tripoli, Tripoli, the leading university in Libya.

2004 to 2012: Research Assistant in Geotechnical laboratory.

2012 to 2016: Assistant Lecturer.

2016 to present: Lecturer.

The academic duties during the above periods included teaching the following courses:

GE121 - Static

CE203 – Structural Analysis I (Statically determinate structures).

CE203AR – Structural Analysis (for Architecture students).

CE303 – Structural Analysis II (Statically indeterminate structures).

CE133 – Properties of Materials.

CE264 – Materials of Construction.

In addition to the supervision of several joint and individual B.Sc. graduation projects.

Publications:

1. Dr. Hadi Omran Zaglut Tumi, **Enas AB. Elmusrati**, Dr. Adel Ewhida 'Axial and Diametrical Point Load Index - Uni-Axial Compression Strength Correlations; Sample and Loading Orientation versus Anisotropy', Canadian Geotechnical Conference, Manitoba, Canada, 2012.
2. Hadi Omran Zaglut Tumi, **Enas AB. EL Musrati**, 'Temporary Differential Consolidation Compression in Uniform Clay Beds Due to Difference in Drainage Pattern', Canadian Geotechnical Conference, Montreal, Canada, 2013.
3. Abdurrahman A. Elgalhud, Amal M. Elkhoja, Manal F. Najjar, **Enas AB. Elmusrati**, 'Towards Sustainable Development of Concrete Industry', Al-ostath, vol.20, spring 2021, pages 25-51.
4. Manal F. Najjar, **Enas AB. Elmusrati**, Amal M. El-khoja, Abdurrahman A. Elgalhud, 'Influence of Fine Aggregate Type and Content on The Properties of Grout for Two-Stage Concrete', Journal of Engineering Research, vol.31, March 2021, pages 1-12.
5. Manal F. Najjar, **Enas AB. Elmusrati**, 'Proposal of using two stage concrete at desert climate', 2nd construction at desert areas conference, Tripoli, Libya, 2021.

Computer Skills:

High efficient in: Microsoft windows, Microsoft office, Visio, AutoCAD 2007(2D) and Sap2000.

Training:

1. Structural Analysis Using Sap2000 Program.

Presented by: Dr. M. Geshgesh.

Course Organizer: Courses Office, Tripoli University.

2. Workshop Lectures, 12th Arab Structural Engineering Conference, 16-19 Dec 2013:

- Individual Footing Supporting Column nearby a Property line; Problems and Feasible solutions, Presented by: Dr. M. El Galhoud.
- Structural Assessment of R.C. Floor Slabs by Load Testing, Presented by: Dr. A. M. Alwefatti.
- A Framework for Project Management, Presented by: Dr. Z. Hatush.

3. Geotechnical experiments course, 2009, Berlin, Germany.

4. Workshop Lectures, International Academic Center, Manchester, UK, 23Aug.- 19 Sep. 2021(online):

- Software Tools Workshop- Ansys (SFR), presented by: Dr. Sajid
- IELTS Workshop (IELTS), presented by: Dr. Mohamed Abdusalam

