

# Dr. Maloof Mahmood Salim



**Email Address:**

**[Maloof.mahmood@muc.edu.iq](mailto:Maloof.mahmood@muc.edu.iq)**



**Google Scholar Link**

**[https://scholar.google.com/citation?view\\_op=new\\_profile&hl=ar](https://scholar.google.com/citation?view_op=new_profile&hl=ar)**

**Scopus Account Link -**

**<https://orcid.org/0000-0002-7477-5859>**



## EXPERIENCE

**Dates from: 1/10/2012 – Till now**

Teaching Staff at **Al- Mansour University College**, Civil Engineering Department.

**Dates from: June 2009- Till August 2011**

Structural Engineering **Consultant** at the **National Union Consultants Company, Tripoli, Libya**: Tasks involved all kind of structural consultancy works including the repair and renovation of various types of marine structures, seaports and jetties, checking and approving structural designs.

**Dates from: March 2008 – Till April 2009**

Worked as **Consultant** at a prominent consulting office, “**Al Bayaty Consultancy Office, Abu Dhabi, and UAE**”. Tasks involved, the structural design of structures such as multistory and high rise commercial centers, modern hotels, office and residential buildings, underground and over ground water tanks, and so forth.

**Dates from: September 1998- Till February 2008**

Worked as a **consultant** at a prominent consulting office, **National Consulting Bureau" Tripoli, Libya**. Tasks involved, , the structural design and consultancy work for high rise residential and office buildings, power stations, large commercial and elevated and ground reinforced concrete water tanks, radio and television broadcasting towers, industrial buildings, hydraulic structures highway bridges, and commercial harbors .

**(September 1994 - August 1998):**

Worked as **Assistant Professor, College of Engineering, Tripoli, Libya**. Main tasks involved, among other activities: Teaching the following Courses: “Advanced Reinforced Concrete Design”, “Theory of Elasticity”, “Advanced mechanics of materials” and “Advanced Analysis of Structures”. During the same period, worked on part time basis as chief structural designer and consultant in some local Libyan engineering.

## Education

**June - 1973**

**Degree:** PhD. Civil Engineering, / Structures, Kansas State University, Kansas, USA.

**June – 1968**

**Degree:** M.Sc. Civil Engineering, University of Colorado, Boulder, Colorado, USA.

**June – 1962**

**Degree:** B.S. Civil Engineering, University of Wales, Cardiff, UK.

## SKILLS

- Structural design of a large number of multi-story buildings, such as governmental buildings (six ministerial buildings currently present and many other governmental structures). Also a large number of local buildings (residential buildings, hotels shopping centers and so forth).
- Structural design of a number of concrete grain silos, currently present. Structural design of Um Qasr grain silo jetty for berthing of commercial ships during the eighties of last century, still standing and with daily use.
- Carrying out structural design with site supervision for reconstruction and renovation of many damaged buildings during the year 1991.
- Train numbers of junior engineers by involving them directly in the structural design of many multi-story buildings.
- Worked as a structural engineering consultant for a number of engineering bureaus inside Iraq and abroad.

## **PUBLICATIONS**

1. "Training Program in Structural Engineering Design", a book for junior engineers. May-2007. Revised: June – 2010, National Consulting Bureau, Tripoli, Libya.
2. "Bond Strength as a Function of Strand Tension and Cement Content for Lightweight Aggregate Concrete". G. Tulin, Maluf Al-Chalabi, "Journal of American Concrete Institute", No .10, Proceedings V.66, October 1969, U.S.A.
3. "Discussion of paper, Stresses within Elastic Cylinders Loaded Uniaxially and Triaxially", Maluf Al-Chalabi. International Journal of Rock Mechanics and Mining Science, Vol. 99, Pergamum Press, 1972, England.
4. "Strain Distribution within Circular Cylinders in Compression" Maluf Al-Chalabi and L.C. Huang. International Journal of Rock Mechanics and Mining Science, Vol. 11, PP 45-56, Pergamum Press 1974, England.
5. " Stress Distribution within Compressed Circular Cylinders". Maluf Al-Chalabi, L.C. Huang and F. McCormick. Journal of the Society for Experimental Stress Analysis, Vol. 14, No.12, December 1974, U.S.A.
6. "Simplified Design of Modern Reinforced Concrete Grain Silos". Maluf Al-Chalabi, Modern Construction Magazine, Vol. 2, No. 3, February 1980, Baghdad, Iraq.
7. "The Sudden Collapse of Multi Story Buildings. Causes and Precautions to Avoid Occurrence" . Maluf Al-Chalabi. Proceedings of the National Engineering Conference, 11th October, 1998, Misurata, Libya

## **AWARDS, THANKS & APPRECIATION**

- A number of thanks from Al-Mansour University College and many other thanks and appreciations from all universities, governmental offices and engineering bureaus which I worked with inside Iraq and abroad.
- Many participations in scientific conferences which were sponsored by universities in Iraq and abroad during the past years.
- Attendance of electronic workshops sponsored by the Ministry of Higher Education and Scientific Research during the year 2022-2023 ;I was awarded (14) participation certificates.