

CVs Summary

Professor El-Niema Ibrahim El-Niema

- Project Manager & Structural Engineering Consultant:

- B.Sc. (Civil Engineering) First Class honours, University of Khartoum 1966.
- Ph.D. (Concrete Structures), Leeds University, England. Dec. 1969.
- Fellow, Sudan Engineering Society FSES.
- Consultant Engineer, Sudan Engineering Council.
- Member, American Society of Civil Engineering (ASCE).
- Member, American Concrete Institute ACI.
- Dean, Faculty of Engineering and Architecture, University of Khartoum (1996 – 2004).

- Experience in Bridge Design and Supervision:

- Consultant for the New White Nile Bridge (1994) with DAR Consult.
- Supervision of Bridges and Culverts Geili-Shandi-Atbara Road.
- Design of Bridges and Culverts for Gedarif-Doca-Galabat Road..
- Revision and redesign of Bridges and Culverts for Kosti-ElObeid Road with Deleuw Cather American Company.
- Training as final year student at main Nile Bridge (Shambat Bridge April, May, June, 1965).

- Experience in Buildings:

- Structural Design of Khartoum Commercial Center.
- Structural Design for Zakat Building and Tower.
- Structural Design for Balsam Drugs Factory.
- Supervision of a multi-building in Khartoum East.
- Revision of specification and selection of contracts for many schools in Saudi Arabia.
- Structural Design of Employee Bureau and meeting hall-Jeddah, Saudi Arabia.
- Structural Design for an open Cenimal and Administration buildings, Tripoli-Libya.
- Structural Design for the library reading room, Faculty of Engineering and Architecture, Khartoum University.
- Structural Design for a commercial building (Bagdadi trust), Omdurman.
- Structural Design for the Faculty of Dental medicine, Khartoum University.
- Structural Design and supervision for more than twenty-five houses and small buildings during the last thirty years.

- **Academic:**

- Author for more than thirty six papers in reviewed journals and conferences.
- Carried out original research investigating many properties of concrete under different load conditions.
- More than forty years teaching experience at the under graduate and postgraduate levels in the area of theory and design of concrete structure, strength of materials and properties and testing of concrete.
- Supervision of many M.Sc. & Ph.D. thesis and students. External examiner for undergraduate and postgraduate studies and thesis.
- Examiner for many M.Sc. & Ph.D. thesis.
- Experience: 43 years.