

CURRICULUM VITAE

Personal Data:

Name: Ali Eltom Hassaballa
Date of Birth: 1968
Nationality: Sudanese
Sex: Male
Social Status: Married



Contact Address: Civil Engineering Department, Faculty of
Engineering, Sudan University of Science and
Technology (SUST), Khartoum, Sudan

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Academic Qualifications:

Ph.D. Civil Engineering (Structures), Dynamics of Structures and Earthquake Engineering (SUST), March 2010.

M.Sc., Civil Engineering (Structures), SUST, 2003.

B.Sc., Civil Engineering (Structures), (SUST), 1997.

Dip., Civil Engineering (Structures), (SUST), 1992.

Language Proficiency:

Arabic: Very Fluent (Mother Tongue).

English: Fluent.

Membership in Scientific and Professional Societies:

Sudanese Engineering Council.

General Union of Sudanese Engineers.

Tawasul al-Noor Charity Organization, Khartoum, Sudan

Workshops and Training Courses Attended:

Development of Skills in Research, Data Analysis, Projects & Thesis Writing, Sudan University of Science and Technology (SUST), College of Graduate Studies, 13th – 17th May 2006.

Introductory Training Seminar on Nondestructive Testing (NDT) Methods, Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant Testing and Material Process Technology, SUST, College of Petroleum Eng. & Technology, 13th – 16th Aug. 2006.

Training Course on Earthquake Engineering, Egyptian Society for Earthquake Engineering, Faculty of Engineering, Cairo University, Egypt, 25 – 27 Dec. 2007.

Computer Analysis of Practical Structures II, Egyptian Society for Earthquake Engineering, Faculty of Engineering, Cairo University, Egypt, 28 – 30 Dec. 2007.

Seismic Analysis of Buildings, Egyptian Society for Earthquake Engineering, Cairo University, Egypt, 25 – 27 Nov. 2008.

Sap 2000, Computer Network and Laboratory and Information Center, Faculty of Eng., Cairo University, Egypt, 27/1 – 3/2/2008.

مفاهيم نظم ضمان الجودة والإعتماد ومعايير إعتماد مؤسسات التعليم العالى، *
2010 إدارة التقويم الذاتى، جامعة السودان للعلوم والتكنولوجيا، 26- 28 يناير

المقومون الخارجيون ونظم معلومات الإعتماد، جامعة السودان للعلوم *
10-06-2010 والتكنولوجيا، إدارة التقويم الذاتى وضمان الجودة، 09-06-2010 إلى

Training Course on:

University Wide Outcomes Based Assessment Process, Sudan university of Science and Technology, College of Engineering, 14-10-2010 to 16-10-2010.

Academic Administrative Responsibilities at Sudan University of Science and Technology (SUST):

Chairman, Department Assessment and Accreditation Committee, from March 2010 up to date.

Coordinator of the following graduate programs: Master of Structural Engineering, Master of Construction Management, Master of Construction Engineering and Master of Road Engineering from June 2010 up to date.

Member, College Research Board, from June 2010 up to date.

Head, Structural Division, Civil Engineering Department, from October 2010 to August 2011.

Head, Department of Structures, School of Civil Engineering, from August 2011 up to date.

Member, College Board, from August 2011 up to date.

Member, University Senate, from August 2011 up to date.

Responsible of Concrete Laboratory, Department of Structures, School of Civil Engineering, 1999 up to date.

Academic Works:

Full time staff member since 1994 up to date, Civil Engineering department, Faculty of Engineering, Sudan University of Science and Technology.

Assistant Professor, Civil Engineering Department, Structural Division, (SUST), March 2010 up to date.

Lecturer, Civil Engineering Department, Structural Division, (SUST), March 2003 – Feb. 2010.

Teaching Assistant, Civil Engineering Department, Structural Division, (SUST), 1997 – 2003.

Taught the following courses:

Concrete Technology, Concrete Design, Structural Drawing (Detailing), Theory of Structures, Analysis of Structures, Mechanics of Materials, Engineering of Structures, Dynamics and Instability of Structures.

Full-year award from Cairo University- Faculty of Engineering, Egypt, to collect research material for the requirements of my Ph.D, for the period 1st January 2008 to 31 Dec. 2008.

Supervisor of 1 partial fulfillment research student for M.Sc.in Construction Engineering, Civil Engineering Department, Sudan University of Science and Technology.

Internal Examiner for 6 M.Sc. students, Civil Engineering Department, Sudan University of Science and Technology.

Supervisor of many graduation projects for B.Sc. level students and so many graduation projects for Diploma level students in different

fields.

Visiting Assistant Professor, Civil Engineering Department, Blue Nile University, Nile Valley University, and Kordofan University.

Participation in Committees:

- Participation in the Central Committee of Lab. Equipments - Sudan University, 2006.

- Member of the Examination Committee at Civil Eng. Department- Sudan University, from 2007 to date.

- Member of the Committee for the Improvement and Preparation of Diploma Programs for Civil Engineering Department- Sudan University of Science and Technology, 2010.

- Member of the Committee for the Development of Curricula of the College of Technical Education (Civil Technical Education) - Sudan University of Science and Technology, 2010 to date.

- Chairman of the M.Sc. Examinations Committee at Civil Eng. Department - Sudan University of Science and Technology since 2010 up to date.

- Participation in Interviews Committee, College of Engineering- Sudan University of Science and Technology, 2010.

- Member of the Committee for the Development of Lab. Equipments of Civil Engineering Department - Sudan University of Science and Technology, June 2011 to date.

Professional Experience: 1995 - 2010

Civil works relating to the International Benevolence Organization in Khartoum.

Comprehensive maintenance for al-Gharb Islamic Bank and other residential buildings.

Participation in the rehabilitation of the National Capital (Greater Khartoum).

Engineering works relating to Military Strategic Department Administration, Khartoum.

Studies and design of service stations in Darfour States (Sudatel Projects)

Design and execution of many multi-story buildings of different functions in Greater Khartoum area.

Consultant Eng. for companies and individual clients.

Expert of dealing with concrete laboratory experiments.

Publications:

A. E. Hassaballa, “Probabilistic Seismic Hazard Assessment and Seismic Design Provisions for Sudan”, "PhD Thesis" SUST, 2010.

A. E. Hassaballa, A/R. Alzubair and M. Sobaih, “Probabilistic Seismic Hazard Assessment for Sudan”, the 11th Arab

Structural Engineering Conference, 25 – 27 October 2009, KFUPM, Dhahran, Saudi Arabia.

A. E. Hassaballa, A/R. Alzubair and M. Sobaih, “Sensitivity Analysis in Estimating Seismic Hazard for Sudan”, 14th European Conference on Earthquake Engineering (14 ECEE), August 30 – September 03, 2010, Ohrid, Republic of Macedonia.