

Curriculum Vitae

Dr. Eng. : Samer Mohamed Mohamed Elabd

Mobile: (002) (0) 1060150522 Tel/Fax: (002) (0) 57-3761178

Personal Data	Surname	Elabd
	First Name	Samer
	Nationality	Egyptian
	Date of Birth	20/1/1974
	Place of Birth	Kafr Saad Elblad – Dameitta - Egypt
	Marital Status	Married (4 children).
	Full Mailing Address	Kafr Saad Elblad Dameitta - Egypt
	Work Address	Faculty of engineering - Manoura University - Gomhoria Street - 35516 - Mansoura –Egypt.
	E-mail Address	samer.elabd@yahoo.com
Professional Career	December 1997 – April 2003	Instructor at Irrigation & Hydraulics Dept., Faculty of Engineering, Mansoura University, Egypt.
	February 1998 – Dec 2006:	Civil/Structural Engineer (Part-time) – Dr. Adel Gabr Consulting Office, El-Mansoura, EGYPT. Duties include the design and supervision on construction of many projects. This includes the preparation of structural design drawings for projects.
	April 2003 to December 2006	Assistant lecturer at Irrigation & Hydraulics Dept., Faculty of Engineering, Mansoura University, Egypt.

	January 2007 - January 2011	PhD Student at the University of Wuppertal- Hydraulic Engineering Section-Institute for Geotechnics, Waste Management and Hydro Sciences(IGAW)-Civil Engineering Department
	March 20011 to date	Lecturer at Irrigation & Hydraulics Dept., Faculty of Engineering, Mansoura University, Egypt.
Higher Education	December 2010	PhD degree in Civil engineering, Faculty of architecture, civil, mechanical and safety engineering, Wuppertal University. Thesis title: " <i>Data-Driven Modeling for Water Resources Management</i> (Case study: The Ruhr River Basin)"
	March 2003	Master degree in Irrigation and Hydraulic engineering, Faculty of Engineering, Mansoura University. Thesis title: " <i>Effect of Stilling Basins on Local Scour Downstream Irrigation Structures</i> "
University Education	June 1996	B.Sc. degree in civil engineering, faculty of engineering, Mansoura University, , Very good, Project: " <i>Harbor engineering</i> ".
School Education	1979 - 1985	Primary school
	1985 - 1992	Secondary school
Publications		EL Abd S. M. and el. (2002) " <i>Experimental Study of Local Scour Downstream Stilling</i>

Basins'' Mansoura Engineering Journal, Vol. 27
No. 4, pp. 90-96.

Elabd, S.; Schlenkhoff, A. (2009) "**ANFIS and BP Neural Network for travel time prediction''**", International Conference on Sustainable Water Resources Management (SWRM2009), September 23-25, Amsterdam, Netherland.

Elabd, S.; Schlenkhoff, A. (2011) "**Generation of Monthly Inflow into the Bigge Reservoir''**", IAHR, *in print*.

Elabd, S.; MOBASHER M. (2013). "**MODELLING OF NILE RIVER FLOWS AT DONGOLA UTILIZING THAOMAS FIERING METHO''**", Civil Engineering Research Magazine Vol. 36, No. 4.

Elabd, S. ; El-Ghandour, H. A. (2014). "**MULTI-OBJECTIVE OPTIMIZATION OF BIGGE RESERVOIR OPERATION IN DRY SEASONS''**", Journal of Hydrologic Engineering. ,19(9), 05014008.;

El-Ghandour, H. A.; Elabd, S. (2015). *Studying the Reliability in Multi-Objective Management of Groundwater under Uncertainty of Hydraulic Conductivity Values.* Mansoura Engineering Journal, (MEJ), Vol. 40, Issue 1.

MOBASHER M.; Elabd, S., (2016). **IMPACT ASSESSMENT OF THE FILLING PERIOD OF THE GRAND ETHIOPIAN RENAISSANCE DAM RESERVOIR ON THE NILE FLOW UTILIZING DATA DRIVEN MODELLING**, JWREM, Volume 7, pp. 93-106.

**Workshops
and
Conferences**

- "German Egyptian Workshop on common future cooperation and research", Federal Institute of Hydrology Koblenz, Germany, July 2007

- "Entwicklung von wasserwirtschaftlichen Anpassungsstrategien an den Klimawandel für das Wuppergebiet", Wupperverband, Wuppertal, Germany, November 2008.

-International DAAD-Alumni Summer school
– Cologne University – ITT
" Transboundary Water management"
23-28 March 2009

Samples of projects	Water Design	<p>Structures – PI for design of R.C bridges on canals in Delta region (about 15 bridges - concrete slab on girder types + concrete slab types, on pile foundations with the loads of 20 ton lorry + 60 + 30 ton lorry)</p> <p>– Co-PI for design of two new ports in YEMEN, Ras Essa & El-Mokalla, Yemen Ministry of Defence.(2005) (Eemar Sabaa construction Company), Yemen.</p> <p>- Co-PI for rehabilitation of the navy jetty, Marine Forces, Yemen (Design, supervision, management). (Eemar Sabaa construction Company)</p> <p>- Co-PI for rehabilitation and repair of berth No.4 at container terminal in Damietta port</p> <p>- Co-PI for design of 90m Service Quay Units, Damietta Port</p> <p>- Co-PI for design of Emethanex Damietta 1 Project, Damietta Port</p>
	Concrete Design	<p>– Design of more than 100 Mosques in different cities.</p> <p>– Design of small buildings (about 40 buildings with 5 floors (max)) in New Damietta city (concrete structure with raft, strap or isolated footings)</p> <p>– Design of small buildings (about 40 buildings with 5 floors (max)) in New Damietta city (concrete structure with raft, strap or isolated</p>

footings)

- Design of high buildings (about 50 buildings with 13 floors) in Mansoura and Damietta cities (concrete structure with pile cap foundation)
- Design of high buildings (about 3 buildings with 13 floors) in Mansoura city (concrete structure with raft on piles foundation)
- Design of concrete schools (about 80 schools with 5 floors on Raft foundation in Delta region.
- Design of the hospital and inistitute of liver researches (concrete structure of 5 floors with Pile cap foundation)
- Design of Ras Elbar Hotel – Damietta city (concrete structure + Frames + swimming pool)

Geotechnical

Conducting borings and soil preparation of research reports.

– Programs load tests of soil and piles, and supervision.

– Preparation of studies to reduce ground water.

Studies support aspects of drilling.

– Preparation of all research studies related to geotechnical and ports.

Languages Skills	Arabic	Native Speaker
	English	good
	German	good
Computer Skills	Microsoft Office	Word Excel Power Point

Internet	Internet user skills
Structural Analysis	Sap2000
Computer-aided drawing	AutoCAD
Geotechnical engineering	Plaxis 3D and Plaxis 2D
Mathematics and Programming	Matlab
Hydraulics	HEC-RAS

Hobbies

Reading
Football