

**Curriculum Vitae  
Naglaa Mohamed El-Bendary**

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**Objective:**

Obtaining a master degree in remote sensing will improve my skills especially in technical and educational capabilities.

**Personal Data:**

Dato of birth: 10<sup>th</sup> January 1980  
 Place of birth: KSA  
 Nationality: Egyptian  
 Marital status: Single  
 Address: 3 El-Obour St. Mataria, Cairo, Egypt  
 Religion: Muslim

**Academic Education:**

- **Post graduation study** (Jan 2013)  
 Enrolled in master degree, Ain Shams University, Faculty of Engineering, Irrigation and Drainage Department.
- **Civil Engineer Bachelor** (May 2001)  
 Helwan University, Faculty of Engineering, Civil Department.  
 Graduation Grade: Good  
 Graduation project grade: Excellent

**Special Education:**

- **Erdas Imagine and Goomedia Software**, Edge-Pro for information systems NWS, Cairo- Egypt, (Aug. 2013)
- **Training courses in Hydraulic Engineering, Engineering Hydrology, Irrigation and Drainage Engineering, Coastal and Harbour Engineering**, Ain Shams University, Faculty of Engineering, Irrigation and Drainage Department, Cairo, Egypt (Jan 2013)
- **Water Resources Development**, Hydraulic research instituto-HRI, Egypt (Sep 2012)
- **System Analysis & Design Diploma**, AUC, Cairo, Egypt (March 2007)
- **Arc SDE Administration for SQL Server**, ESRI international Distribution, Cairo- Egypt (Jan 2006)
- **Training Course on MIKE-21, SPA project Phase2**, Shore protection Authority In Egypt (October 2005)
- **Information Technology Training Program**, MCIT, IBM and ESRI, IBM-Cairo-Egypt (Jan 2005)
- **Microsoft Certified Professional in (Geographical Information System - GIS).**

**Working Experience:****Water Resources Engineer, Nile Water Sector, Ministry of Water Resources & Irrigation****(Feb 2012 till now)**

- As water resource engineer in water resource development center, NWS, MWRI, the center goal is to introduce the technical support for the decision makers through:
  - Collection and analyzing all the information and data related to the Nile Basin water resources.
  - Involve in projects and programs aim to develop the water resources for the Nile Basin.
  - Studying and analyzing the hydrological characteristics for Nile Sub-basins.
  - Studying the different development projects on the Nile Basin and identify its effect on Egypt.
  - Using GIS and remote sensing techniques to analyze spatial data to understand and identify basins characteristics.
  - Participating in technical workshops such as Regional coordination on improvement water resources management and capacity building program Workshop, Cairo, Egypt.
- My responsibility include working in the following field over Nile Basin watershed
  - Rainfall analysis using RFE-USGS data
  - Rainfall analysis using TRMM data
  - Evapotranspiration analysis and monitoring using MODIS data
  - Agriculture activities monitoring using SPOT-NDVI and MODIS-NDVI data
  - Design and implement water resources monitoring indicators over the Nile Basin including the country of Egypt

**Project Manager, Protrac Company Private sector in Geographical information system field****(From Oct 2010 to Jan 2012)**

- As a project manager for several Geo-marketing and Geo-Based projects
  - Governmental sector: establishing a central Geo-Web based system for General Authority for Fish Resources-GAFRD maintains the it's activates and resources among its branches.  
Establishing a central Geo-based system for General Organization for Physical Planning -GOPP handling huge amount of spatial, non-spatial data and maps
  - Banking sector: Execute some projects for several banks in Egypt based on Geographical point of view such as branches and ATMs machines distribution

**Technical Manager, Protrac Company Private sector in Geographical information system field****(From May 2006 to Oct 2010)**

- As technical manager Egyptian Cadastral Map project
  - Participating with Protract Company in converting the Egyptian maps of Survey Authority to digital form along with meeting quality control requirements
  - Ensure the consistency between Survey Authority data and Notary Office documents
  - Sharing in database design, implementation and also prepare the application that are used in the several stages of the project.
  - Involve in Oracle database installation, administration and maintenance.
  - Work with Arc SDE and its installation, administration.

**GIS Expert, Egypt/UNDP Mine Action Project, Ministry of International cooperation (Jan 2010)**

- GIS expert for Support to the development plan and mine action in the north west coast
- Carrying out on-the-job training on GIS basic techniques, mapping and spatial information systems
- Reviewing GIS available data as well as preparing the final Geodatabase for demining activates and information system.

Jan.2015

**GIS supervisor, Shoreline Management Plan Shore Phase2, for Protection Authority-MWRI By****Danida** (From Jan 2005 till May 2006)

- As a GIS supervisor, Assisting SPA staff in GIS system installation and preparation of GIS unit, Develop the Shoreline Management Plan (SMP) on determining setback zone for the Coastal area which extended 120 km along the north coast of Egypt from Ras El Hekma to Ras Garoub (part of Matrouh Governorate), this is a pilot project that should be implemented in the rest of Egyptian Coasts, participate in stakeholders consultation workshops.
- Compiling the Shore Management Plan policy document defining the final set-Back-Line and the policy to be applied to management of the shores.

**Private sector in Civil Engineering field**

(From Sep 2001 to Sep 2004)

- As site engineer supervising civil and ordinary works including construction and finishing residential buildings
- As office engineer designing several models of residential buildings

**Computer Skills:**

- Arc-GIS I & II
- Spatial analyst
- Building Geodatabase
- ArcSDE Administration
- Programming ArcObject with VBA
- MIKE Basin, MIKE 21
- Erdas imagine
- Geomedia
- AutoCAD 2000 & SAP 2000.
- Potoshop8
- Oracle and SQL Database
- Microsoft Office.

**Language:**

- English: Very Good (Spoken & written).
- Arabic: Mother Tongue

**Reverences:**

- Dr. Ahmed Bahaa El-Deen,

Chairman of the Nile Water Sector – Ministry of the Water Resources & Irrigation  
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- Eng. Tarek El-Saeed Ahmed,

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