



Hydrologist  
Azza Ewis Ismail Gad

## General Data



**position:** Hydrologist in the department of hydrology at WRI

**Name:** Azza Ewis Ismail Gad

**Date and place of birth:** Cairo, Egypt , 3 jan 1983      **Nationality:** Egyptian

**Civil status:** married

**Education:**

2009 - Now	M.Sc. student in Faculty of Engineering, Ain shams university
2001 - 2005	B.Sc. in Civil Engineering, Shobra Faculty of Engineering, Zagazig University.

**Languages:** Mark 1 to 5 for competence, where 5 is the highest

	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
Arabic		Mother tongue	
English	4	5	5
French	1	4	5

**Memberships:** - Egyptian Syndicate of professional Engineers

**Years of professional experience:** 7 years      **Years with firm:** since 2006 until now

**Key qualifications:** Good experience in Hydrology (Hydrological Models Application)

**Country experience:** Egypt.



## Employment Record & Experience

2006 - Present      Hydrology Engineer, Water Resources Research Institute (WRRRI), Water Research Center

Carrying out Hydrological analysis, statistical analysis to determine the design storm, run different hydrological models including those with GIS application, carrying out many studies to protect different cities in Egypt and abroad from flash flood such as:

- Protection of cities; Dahab, Safaga, Sharm El- Shiekh, Saint Katherine, etc;
- Protection of the gas line project, connecting Taba and Sharm El-Sheikh cities, from flash flood, South Sinai Egypt.
- Flood Atlas for Sinai.
- Flood Atlas for Aswan.
- Development for Wadi Hoshia, Hodden, Ambagy and Malha in red sea governorate.
- Protection of tourism Nabaq center in Sharm el-Sheikh
- Protection of the gas line project, connecting Al-Menia and Bani Suef Governorate, from flash Flood, Upper Egypt.
- Protection of treatment plant (Gerga, Boghdadi, Odysat, Dar El-Salam, and Kosia) in Sohag governorate.
- Proposals of industrial region in Beni suief.
- Protection of Sohag International Airport (sohag governorate).
- Protection of badr city (Cairo governorate).

## Skills & Training

### Computer:

- User of WMS model in hydrologic modeling.
- User of HYFRAN and (IH FLOOD).
- Professional in using different Windows operating systems.
- Expert in Microsoft Office Professional.
- Good skills in using Internet.
- AutoCAD.
- User of (Hec-Ras) River Analysis System.
- Familiar with Hydro frequency10 Software for (Data Rainfall Analysis).
- Familiar with FLOWMASTER program in hydraulic application.
- Familiar with Global Mapper program.
- Familiar with Snagit program.



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**Given Training Courses by WRI Staff.**

- International Post-Graduate Training Course on Environmental Hydrology for Arid and Semi-Arid Regions.
- Hydrological project lectures for under graduate AL-AZHR students.
- Lectures in hydrology for Iraq group in (RECTWES).
- Lectures in hydrology for faculty of engineering –Cairo university students.

**Training Courses**

- "Hydrological River Basin Environmental Assessment Model (HydroBEAM)", Disaster Prevention Research Institute – Kyoto University & National Water Research Center (NWRC), held at the Hydraulic Research Institute-Delta Barrage, Egypt, 8-11 October, 2012.
- The Test of English Language Proficiency (TELP) on 14-6-2011 score 500.
- Invitation to an International Study Tour to India on Watershed Management on 18 February 2010.
- AutoCAD 2004 at faculty of Engineering, Cairo University
- Environmental Hydrology for Arid and Semi-Arid Regions in Regional Training Center (Hydraulic Institute).
- Climatic Factors Impact on Water Resources in (RECTWES).
- Microsoft Office and Internet Course in Arab Media Center.
- Water Resources System Analysis Introduction of Advanced Tools.