



## General Data

**Position:** Professor  
**Name:** Gamal Abd Allah El-Sayed  
**Date and place of birth:** 20.10.1958, El Minoufiya, Egypt      **Nationality:** Egyptian  
**Marital status:** Married

**Education:**  
1998 Ph.D. in Hydrogeology, Faculty of Science, Cairo University, Egypt.  
1993-1989 M.Sc. in Hydrogeology, Faculty of Science, Cairo University, Egypt.  
1982-1978 B.Sc. Study of Geology, Faculty of Science, Cairo University, Egypt.

**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	4	4

**Memberships:** - Egyptian Syndicate of Scientific Professions. 8 Bostan El Dekka st. Cairo.

**Years of professional experience:** 26 years      **Years with firm:** since 1978

**Key qualifications:** Hydro-geologist Expert  
More than 25 years of experience, covering the different aspects of hydrogeology, gained during almost 24 years practice. His main experience has been achieved in the fields of water resources management,, groundwater models, geophysical groundwater exploration, environmental impact assessment related to water resources projects. This experience was gained through his coordinating and participating in many projects in the groundwater field in Egypt. Responsible for monitoring of the groundwater aquifers in Sinai and scientific studies of groundwater in Egypt.

**Country experience:** Egypt.



## **Employment Record & Experience**

- 2009 – Now - Technical office Manager, Secretary-General of WRI.
- 2005 – Now - Professor.
- 1998 – 2005 - Senior Research Hydrogeologist (Ph.D.) at WRI.
- 1991-1999 - Head of the monitoring team work for groundwater evaluation with different foreign organizations.
- 1987-1991 - Well site hydro-geologist, (M Sc) in groundwater in desert areas,(Sinai).

## **Projects:**

### Foreign Projects

- 2006 - Studying the geology of 20 dam site locations in Saudi Arabia under the umbrella of Zohier Fayz Consulatat Company and the Construction Research Institute.

### Internationally Funded Projects

- 2008-2009 - Flash Floods in Egypt: Prediction and Management (FlaFloM), funded by European Community: LIFE third countries fund project.
- 2004-2006 - Coordinator for the Bedouin Settlement Project in Sinai Peninsula with the Islamic Bank for Development in Jeddah, Saudi Arabia.
- 1989-1991 - Participation in the Rural Development Study of Gebel El-Maghara Area, financed by the Italian Government.
- 1988-1993 - A counter part through a Japanese project that financed by The Japan International Cooperation Agency (JICA) to prepare a Hydro geological Map for North Sinai Governorate.
- 1987-1992 - Sinai water resources study project that financed by The European Economic Community EEC.

### National Projects

- 2003-2006 - Team leader for the study of geological and hydro-geological condition of the dame sites investigation in El Nuqra and wadi Watier at Aswan and South Sinai respectively
- Now - Studying the geology and hydrogeology of the layout of different tourist projects along the Red Sea and Sharm El Shiekh coasts

## **Supervised Thesis**

- M.Sc. in Hydrogeology of North-eastern Sinai , by Noha Nasrallah, Cairo University and Bari Institute.
- M.Sc. in Hydrogeology of some aquifers in North Sinai.

Adviser of M.Sc. and Ph.D thesis.



## Skills & Training

### Computer:

- Working in the Computer Programs (Software) Word Perfect, Excel, Windows, GWW, Arc GIS 1&11 (Arc View, Arc Editor & Arc Info.).
- Hydro chemical Model (WATEQ).

### Other Skills:

- Ability to communicate and cooperate with others through E-Learning courses using the internet.
- Very good knowledge of writing proposals.

### Training:

#### **Teaching Courses:**

- 1995 to date: Lecturing a hydrogeology and water resources management in different authorities, information center of North Sinai governorate and Water Resources Training Center (MWRI).

#### **Training Courses:**

- Groundwater Modeling Course at the BRGM Center, Orleans, France, 1992
- Course of Water Resources for Sinai Peninsula at the General Authority for Irrigation. El-Arish Sinai. Egypt
- Course of Groundwater Development in (NWRC),(MPWWR), Egypt.
- Course of Arc View, Avenue and ERDAS Imagine programs at Ain Shams Univ
- Course of Applications of Radiation and Radioisotopes in the Protection of Environment at the Middle Eastern Radioisotope Center for the Arab Countries.
- Course in Arc GIS 1&11(Arc View, Arc Editor & Arc Info.) at the Quality Standard Information Technology Company.
- Short Course in Water Resources Management. CIHEAM IAM-BARI, Italy.
- Short Training Course in Project Proposal Development. 5-7 Dec.2005. LEAD International Organization.
- Workshop in Activating the shearing of Water Management.(IMPAWARS), 13-14 Nov.2006 at the National Water Research Center (NWRC).
- National Coarse on Water Demand Management(WDM),1-3 March,2010, organized by NWRC,EGYPT and Arab Water Academy.
- Workshop in Desertification and land use Policy in the Arab world Area, Damascus,24-26/ 2011.

## Publications

- 1992 - Groundwater Conditions of Rommana-Bir El-Abd Area, with Emphasis on the Area South of Rabaa Village, Northwest Sinai, Geol. Sinai Development, 3<sup>rd</sup> Conf., Fac. Of Science, Suez Canal Univ., Ismailia.



- 1997 - Hydro chemical Properties of the Pre-Quaternary Aquifers in North Sinai, 3<sup>rd</sup> Conf. Of Geochemistry, Fact. Of Science, Alexandria Univ., Sep. 1997.
- 1998 - Land Use Classifications of Northern Sinai, Geology of the Arab World, 4<sup>th</sup> Conf. (GAW- 4), Geol. Dept., Fac. Of Science, Cairo Univ. Egypt. Feb. 21-25, 1998
- Warning and Solution for Future Use of El Arish Aquifer, North Sinai, Egypt. EUROMED. SAFE '99. Conference, Napoli, Italy. October 27-29, 1999.
- An effective Groundwater Master Plan for Sinai, Silver Jubilee of National Water Research Center, MPWWR, Cairo, Egypt. Nov. 21-25, 1999. Vol.1:13-21pp
- 2000 - Hydro-chemical Model for the Lower Cretaceous Aquifer in Sinai Peninsula, Geology of the Arab World, 5<sup>th</sup> Conf.(GAW- 5), Geol. Dept., Faculty of Science, Cairo Univ. Egypt. Feb. 21-25, 2000.
- Water Quality Control Option for Improper Utilization from Well Fields, Egypt. International Conference of Wadi Hydrology, National Water Research Center; MPWWR, Sharm El Skiekh, Egypt. Nov. 21-23, 2000. Vol.1: pp.
- 2002 - Soluble Minerals and Salts as Indicators for the Hydrological Process and Groundwater Recharge (Case Study), El-Qaa Plan, Sinai, Egypt" First Regional Conference on Perspectives of Arab Water Cooperation, (Challenges, Constraints and Opportunities) National Water Research Center & UNESCO, Egypt. October.12-14, 2002. Vol.1.
- Contribution of Fractured Limestone Aquifer as Groundwater Resources in Sinai Peninsula, Egypt. First Regional Conference on Perspectives of Arab Water Cooperation, (Challenges, Constraints and Opportunities) National Water Research Center & UNESCO, Egypt. October. 12-14, 2002. Vol.1.
- 2004 - Integrated Water Resources Management of Wadi Watir, South Sinai, Egypt. Second Regional Conference on ARAB WATER 2004, Action plans for integrated development, National Water Research Center, 12-15 April,2004, Egypt.
- An Integrated Overview for Development of the Eastern Border of Egypt. Second Regional Conference on ARAB WATER 2004, Action plans for integrated development, National Water Research Center, 12-15 April,2004, Egypt.
- Impact of the Human Activities on the Groundwater in Sinai Peninsula, Second Regional Conference on ARAB WATER 2004, Action plans for integrated development, National Water Research Center, 12-15 April, 2004, Egypt.
- 2005 - Application of Isotope Hydrology Techniques in the Management of Wadi El Arish System, Egypt. Third international Conference on Wadi Hydrology. 12-15 Dec.2005. Sana'a. Yemen.
- 2006 - Integrated Water Resources for Sustainable Development in Sinai Peninsula. Third joint Conference. Toshka 2006 "ACHIEVMENTS AND CHALLENGES". 3-4 January 2006. Cairo, Egypt. Hosted by Ministry of Water Resources and Irrigation and supported by Desert Research Center.
- Management of Groundwater Aquifers along the Mediterranean Sea in Sinai Peninsula. The 2<sup>nd</sup> International Conference on Water Resources & Arid Environment 2006.(26-29 Nov.2006). Riyadh. King Saud Univ. and Prince Sultan Research Center, Saudi Arabia.
- Water Resources Availability for Bedouin Settlement at the Northeastern part of Sinai Peninsula. Egypt. 3<sup>rd</sup> Arab Regional Conference, Research Advancement in Managing Limited Water Resources, 9-11 Dec. 2006, National Water Research Center, Cairo.
- Credibility of Geo-electric Resistivity Method for Hydro-geological Conditions of



- Sand Dune Aquifer East of Suez Canal. Egypt. 3<sup>rd</sup> Arab Regional Conference, Research Advancement in Managing Limited Water Resources, 9-11 Dec. 2006, National Water Research Center , Cairo.
- Integrated Water Resources Management in East Suez Canal Area, Egypt. Egypt, 3<sup>rd</sup> Arab Regional Conference, Research Advancement in Managing Limited Water Resources, 9-11 Dec. 2006, National Water Research Center, Cairo.
- 2008
- The Role of Brackish Groundwater for Water Resources Management in South Sinai (case study) The 3<sup>rd</sup> International Conference on Water Resources & Arid Environment 2008 & 1<sup>st</sup> Arab Water Forum, (16-19 Nov.2008). Riyadh, Prince Sultan Research Center, Saudi Arabia.
  - Numerical Modeling for Groundwater Potentiality in the Quaternary Aquifer in El-Qaa Plain Area, South Sinai, Egypt Water Science Magazine, National Water Research Center.
- 2009
- Groundwater Exploration in Gifgafa Area, Central Sinai, Egypt, The International Conference on Water Conservation in Arid Regions,- King Abdulaziz University, Jeddah, Saudi Arabia 12-15 October 2009.
  - Water Resources in Sinai, Egypt, The International Conference on Water Conservation in Arid Regions, King Abdulaziz University, Jeddah, Saudi Arabia 12-15 October 2009.
- 2011
- "An early warning system for flash floods in hyper-arid Egypt"  
<http://www.nat-hazards-earth-syst-sci.net/12/443/2012/>
- 2012
- "Surface water and groundwater relationship in desert areas as a guide for sustainable development", 22 inter. conf. on (environmental protection is a must), Alex. 5-7 may 2012.