



## Curriculum Virtue



### A)- Particular information

**Name:** Osman Mohamed Osman Badran

**Nationality:** Egyptian

**Birth date:** 18/1/1979

**Marital status:** Married

**Religion:** Moslem

**Sex:** Male

**Language:** Arabic & English

**Specialization:** Hydro- and Environmental geology.

**Present Position:** Lecturer, Geology Department, Faculty of Science, Damanhur University,

**Address:** Geology Department, Faculty of Science, Damanhour, Bahira, Egypt.

**Telephone:** 002 01008175440 & 01113949584

**E-mail address:** [Osmanbadran313@yahoo.com](mailto:Osmanbadran313@yahoo.com)

### B)-Academic background

#### **1)-B.Sc Thesis**

University: Zagazig university, Egypt

Field of study: Geophysics and geology

Length of study: 4 years

Grade: Very good

Graduation date: 5/2001

#### **2)-M.Sc. Thesis**

University: Zagazig University, Egypt

Field of study: seismology

Approval year: 2007

#### **3)-Ph.D. Thesis**

University: Tanta university, Egypt

Field of study: Environmental and hydro- geology

Approval year: 2014.

### **C)-Training Experience**

\* March 2015 up to now: Approved trainer in FLDP center, Damanhur University, as:

- 1- Advanced communications skills.
- 2- Effective presentations skills.
- 3- Scientific research ethics.
- 4- Time management.

\* In faculty of Science, Damanhur university, as:

- 1- General skills.
- 2- Hydrogeology course.
- 2- Environmental geology course.
- 3- General Environmental aspects.

### **D)-Professional background**

#### **I)-Previous positions**

- \* November 2001 – September 2007: Demonstrator, geology Department, faculty of Science, Zagazig University.
- \* September 2007 – April 2008: Demonstrator, geology Department, faculty of Science, Damanhur branch, Alexandria University.
- \* April 2008 – August 2014: Assistant lecturer, geology Department, Damanhur University.
- \* August 2014 up to now: Lecturer, Geology Department, Faculty of Science, Damanhur University.
- \* General Manager of quality assurance, Faculty of Science, Damanhur University. (March 2015 to April 2016).
- \* August 2014 up to now: Lecturer, Geology Department, Faculty of Science, Damanhur University.

### **III)-Skills and Teaching Experiences**

**Universities:** Zagazig University –Alexandria University - Damanhur University

#### **Courses:**

- \* lecturer in field of geophysics as: Electrical Exploration Methods, Seismic Refraction Interpretation, Earthquake Seismology, Environmental Geophysics, Engineering Geophysics, Prospecting Geophysics, Principles of Geophysics.
- \* Lecturer in fields of geology and hydrogeology i.e. natural geology, groundwater hydrology, surface water hydrology, modeling and managing of water resources.
- \* Performing and analysis of pumping tests.

- \* Geophysical exploration for groundwater aquifer.
- \* Groundwater studies (occurrence, aquifers, movement and management....etc.)
- \* Groundwater sampling and performing field measurements.
- \* Analysis and evaluation of ground and surface water for different purposes (human use, agriculture, Industrial...etc.).
- \* Ability on the application of Surfer, Grapher, rockwork, electric software programs in the field of groundwater.

#### **IV)- GRANTS, SEMINARS, TRAININGS, CONFERENCES ATTENDED**

<b>Title</b>	<b>Training or Trainers (TOT1)</b>
Institute/Training Organization	National Center for Faculty and Leadership Development, Egypt
Place and Date	Damanhur university, for 7 days
<b>Title</b>	Petroleum conference
Institute/Training Organization	Many petroleum companies
Place and Date	Cairo, 2005
<b>Title</b>	The first water meeting
Institute/Training Organization	Damanhur University
Place and Date	Damanhur, Egypt, 2008
<b>Title</b>	<b>2<sup>nd</sup> INTERNATIONAL CONFERENCE ON THE GEOLOGY OF TETHYS</b>
Institute/Training Organization	Faculty of Science, Cairo University
Place and Date	Cairo, Egypt / March 18-22, 2007
<b>Title</b>	<b>4<sup>th</sup> INTERNATIONAL CONFERENCE OF APPLIED GEOPHYSICS</b>
Institute/Training Organization	National Research Centre, Cairo
Place and Date	Cairo, Egypt / February 18/20, 2007
<b>Title</b>	<b>Geophysics conference</b>
Institute/Training Organization	Alexandria University
Place and Date	Alexandria, Egypt, 2013
<b>Title</b>	<b>2<sup>nd</sup> INTERNATIONAL CONFERENCE OF APPLIED GEOPHYSICS</b>
Institute/Training Organization	Egyptian Society of Applied Petrophysics (ESAP)
Place and Date	Cairo, Egypt / March 12-13, 2005
<b>Title</b>	<b>TRAINING COURSE ON SEISMIC RISK AND HAZARD ASSESSMENT</b>
Institute/Training Organization	Mansura University
Place and Date	Mansura / 2004
<b>Title</b>	<b>The 5<sup>th</sup> geophysical conference</b>
Institute/Training Organization	Tanta university
Place and Date	Tanta, Egypt, 2014

#### **E)-Published works**

- 1) - **R El Gezeery, A El Khadragey, A Abuo El Ela, K Abdel-Rahman, Osman M. Osman (2006):** The Impact of Shallow Seismic Refraction in Detecting The Engineering Properties of The Rock Foundations in the New Damietta City Egypt
- 2) - **Zenhom El- Said Salem and Osman M. Osman (2016):** Shallow subsurface temperature in the Environs of El nubaria canal, northwestern Nile Delta

Of Egypt: implications for monitoring groundwater flow system. Environ Earth Sci (2016) 75:1241 (DOI 10.1007/s12665-016-6064-y).

- 3) - **Zenhom El- Said Salem and Osman M. Osman (2017):** Use of major ions to evaluate hydrogeochemistry of groundwater influenced by reclamation and seawater intrusion, West Nile Delta, Egypt. Environ Sci Pollut Res (DOI 10.1007/s11356-016-8056-4).
- 4) - **Zenhom E Salem, Osman M Osman (2017):** Use of geoelectrical resistivity to delineate the seawater intrusion in the northwestern part of the Nile Delta, Egypt.
- 5) - **Abdellatif Younis, Osman M Osman, Amin E Khalil, Mohd Nawawi, Mamdouh Soliman, Elhamy A Tarabees (2019):** Assessment groundwater occurrences using VES/TEM techniques at North Galala plateau, NW Gulf of Suez, Egypt

#### **E)-Works under construction**

- 1) - "Hydrochemical and hydrothermal study in Wadi El Natrun area, Egypt"
- 2) - "hydro- and Environmental geophysics in Western Nile Delta, Egypt"
- 3) - "Engineering geophysics assessment in Alameen area, north Western Desert, Egypt"
- 4) - "Sea water intrusion affect on northern Nile Delta aquifer, Egypt".
- 5) - "Comparative hydrological and geoelectrical study on the Quaternary aquifer around Rossetta Nile branch, Egypt.

*Dr. Osman M. Badran*  
October, 2019