

# CURRICULUM VITAE



## **Mahmoud Ibrahim Mahmoud Abdelaziz**

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### **Personal Data**

- Full Name: Mahmoud Ibrahim Mahmoud Abdelaziz
- Place & Date of Birth: Mansoura, Dakahliya; October, 1, 1991
- Nationality: Egyptian
- Passport No.: A19151293
- Marital Status: Married
- Residential address: 64 Ahmed Maher Street, Mansoura, Dakahliya, Egypt
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### **Education**

2016: **M.Sc.** in Applied Geophysics, Geology Department, Faculty of Science, Mansoura University.

Thesis Title: Groundwater Exploration in the Central Part of Sinai by Using Geoelectric and Potential Field Data.

2012: **B.Sc.** in Geophysics, Department of Geology, Faculty of Science, Mansoura University.

\*\* Grade point average: 86 % ( Excellent Grade )

\*\*Earned hours: 144 credit hours ( CGPA 3.6 points out of scale 5 )

### **Academic Qualifications**

<b>Degree</b>	<b>University</b>	<b>Country</b>	<b>Year</b>	<b>Field of Specialization</b>
M.Sc.	Mansoura	Egypt	2016	Applied Geophysics
B.Sc.	Mansoura	Egypt	2012	Applied Geophysics

## Research Interests

- Applying geoelectric resistivity method and 2D electrical resistivity Tomography ( ERT ) for groundwater exploration and determination the geological and hydrological settings of the aquifers.
- Applying Ground penetrating radar and seismic refraction methods for geotechnical and engineering purposes.
- Processing and interpretation of the field data using different software's.

## Languages Skills

### **Language**

Arabic (Mother tongue)

English (A valid international IELTS test;score band 5.5)

French

### **Speaking**

Excellent

Score band 6.5

Basic

### **Reading**

Excellent

Score band 5

Basic

### **Writing**

Excellent

Score band 5.5

Basic

## Computer Skills

### **Name of Software**

Microsoft Word

Microsoft Excel

Microsoft PowerPoint

MATLAB

Microsoft internet Explorer and Microsoft Outlook Corel

Draw X3, Version 14, Rock ware and Grapher11 Oasis

Oasis Montaj 2014, Surfer13, IPI2win and Petrel 2014

EndNote

### **Nature and Purpose for use**

Editing

Mathematics and graphics

Presentations

Programing development

Internet and E-mail utility

Graphic designing

Processing and interpretation of geophysical data

References and citation editing

\*\* Besides passing successfully all modules required for the granting of the International Computer Driving License (ICDL).

## Employment History

<b>Title</b>	<b>From – To</b>	<b>University</b>	<b>Country</b>
Demonstrator	2013 – 2016	Mansoura	Egypt
Assistant Lecturer	2016 – Feb,2019	Mansoura	Egypt
PhD Student	Feb,2019 – Present	Miskolc	Hungary

## Teaching Responsibilities

Responsible for teaching the following courses:

Introduction in geophysics

Seismic prospecting methods

Radiometric prospecting methods

Electric prospecting methods

Gravity prospecting methods

Magnetic prospecting methods

GIS course

Paleomagnetism

Stratigraphy of Egypt

Quarry and mining course

Field geology

Structural geology

## Membership of Local, Regional and International Professional Institutions

<b>Name of Organization</b>	<b>Membership Period</b>		<b>Nature of Membership</b>
	<b>From</b>	<b>To</b>	
Egyptian Syndicate for Scientific Professionals (ESSP)	2012	Present	Member of the Bar Council (Mans.Branch)
Society of Exploration Geophysists, Mans. Chapter (SEG)	2012	Present	Member
European Association of Geoscientists&Engineers (EAGE)	2019	Present	Member

## **Honors**

<b>Name</b>	<b>Dates</b>
Mubarak Award for success 2008, 2009, 2010 and 2011(Rank: The second in geophysics class).	
Prof. Dr. ZakiZaghloul Award for the Ranked-Second Student of the Geology Department, Mansoura University.	04/2013
Prof. Dr. Mohamed El Essawi Award for the Ranked-Second Student of the Geology Department, Mansoura University.	04/2013

## **Short Courses & Training**

<b>Name</b>	<b>Dates</b>
- Short course in "Research Ethics", Faculty and Leadership Development Project (FLDP), Mansoura University.	09/2014
- Short course in "Legal and Financial Aspects in University Environment", FLDP, Mansoura University.	03/2015
- Short course in "Presentation Skills", FLDP, Mansoura University.	05/2015
- Short course in "Conference Organization", FLDP, Mansoura University.	07/2015
- Short course in "Use of Technology", FLDP, Mansoura University.	10/2015
- Short course in "Scientific Publishing Skills", FLDP, Mansoura University.	12/2015
- Short course in "How to Write a Scientific Thesis" FLDP, Mansoura University.	03/2018
- Short course in "Statistical analysis skills", FLDP, Mansoura University.	11/2018

## **Social skills and competences**

- I have worked in various types of teams, from a member in the Students Union to research teams in the faculty, and work equally well in a group setting or independently.
- Ability to establish and maintain good working relations with people of different national and cultural backgrounds since I teach students from different countries such as Malaysia, Saudi Arabia, Kuwait and Syria.
- Culture experience since I spent for two months with the British team for working in the field of Archaeogeophysics at tell Motobus - Kafr El Sheikh - Egypt in March 2014.
- Culture experience since I spent for one month with the British, Sweden and American teams for working in the field of Archaeogeophysics at eastern and western banks of Nile River in Luxor - Egypt in October 2017.
- Field trip to Bahariya Oasis, Egypt for three weeks for the purpose of training the students from different countries on different geophysical tools in July 2018.
- Organized person with a problem-solving attitude.
- Responsibility, self-respect, and self-reliance.

## **Conferences**

- I have participated in the meeting of young geoscientists conference by poster presentation under a title "A contribution of the magnetic field data and geoelectrical resistivity sounding for groundwater exploration in a part of central Sinai, Egypt" in 29 – 30 March, 2019.

- I have participated in microCAD international multidisciplinary scientific conference by oral presentation under a title "Application of magnetic and geoelectrical resistivity sounding methods in groundwater exploration in a part of central Sinai, Egypt" in 23 – 24 May, 2019.
- I have participated in a presentation day as a memorial of Eotvos Lorand centenary death in the department of geophysics, university of Miskolc by oral presentation under a title "Interpretation of magnetic and geoelectric resistivity data for groundwater exploration" in 31 May, 2019.

### **Publications**

- Abdelaziz, M . I (2019). Application of Magnetic and Geoelectrical Resistivity Sounding Methods in Groundwater Exploration in a Part of Central Sinai, Egypt. MultiScience – XXXIII. microCAD International multidisciplinary Scientific Conference University of Miskolc, 23 – 24 May, 2019, ISBN 978 – 963 – 358 – 177 – 3.

### **Interests and Hobbies**

- Internet Navigation
- Scientific reading
- Photographing
- Football,Swimming and Running
- Traveling and experience different cultures.

### **References**

<b>Name</b>	<b>Position</b>	<b>Present Address</b>	<b>E-mail Address</b>
Hosni Hassan Ghazala	Professor of applied geophysics	Mansoura University Faculty of Science, Geology Department Mansoura 35516 Egypt	<a href="mailto:ghazala@mans.edu.eg">ghazala@mans.edu.eg</a> <a href="mailto:ghazala59@yahoo.com">ghazala59@yahoo.com</a>
Ahmed S.El Mahmoudi	Professor of applied Geophysics	Mansoura University Faculty of Science, Geology Department Mansoura 35516 Egypt	<a href="mailto:mahmoudi@mans.edu.eg">mahmoudi@mans.edu.eg</a> <a href="mailto:mahmoudi56@gmail.com">mahmoudi56@gmail.com</a>
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