

SARA HAMDY ABD EL-MAWLA EI-ADHAM

CURRICULUM VITAE INFORMATION

Personal Information				
Full Name: Sara Hamdy Abd El-Mawla Soliman El Adham				
Family Name: El Adham				
Address: 1 Salman Elfaresy Street, Elasaфра bahary, Alexandria, Egypt				
Telephone	+2 (03) 5579734	Mobile	(+2) 01229358591	
e-mail	sara_hamdy82@hotmail.com Hamdy.sara@gmail.com	Date of birth	October -1- 1982	
Nationality	Egyptian	Place of Birth	Sanaa', Yemen	
Sex	Female	Marital Status	Married	
Religion	Muslim	Present Position	Environmental Researcher and Remote Sensing Specialist	
Academic Qualifications				
University/Institution Name, place	Attendance from/to Mo./Year Mo./Year		Degree (Date awarded/expected)	Major subject of study
El Montaza secondary school, Toson, Alexandria, Egypt	September 1997	May 2000	Thanaweya Amma certificate, 2000 Grade: (90%)	General science
Science faculty, Alexandria university, Moharam bek, Alex., Egypt	September 2000	May 2004	B.sc. Special Geology, 2004. Grade: Very Good with Honor (83%)	Special Geology

Institute of graduate studies and research (IGSR), Alexandria.	September 2004	September 2005	Diploma , Environmental Studies, 2005 Grade: Very Good	Environmental and physical studies
IGSR, Alex.university, 163 Horeya street, bab shark, Alex, Egypt	March 2006	May 2009	M.sc. Remote Sensing, 2009 Thesis title “Remote Sensing of Coral Reefs, Study Case: Hurghada”	Remote Sensing
Arab Academy of Science, Technology and Maritime Transport(AASTMT)	2009	2010	Diploma. GIS	GIS
IGSR, Alex., Egypt	September 2010	–	Ph.D. Remote Sensing, 2015 Thesis title “Multi-Temporal Remote Sensing of the Nile Delta Coastal Zone for Assessment of Spatial Changes and Integrated Coastal Management	Remote Sensing and GIS

Professional Background

Employment History

Organization/ Company Name, Place, Country	from/to Year Year		Job Title	Major responsibilities
Institute of Oceanography and Fisheries (NIOF). Anfoushy, Alex., Egypt	2006	2012	Assistant researcher	Geologist, Coastal Remote Sensing Researcher.
Arab Academy of Science ,Technology and Maritime transport (AASTMT).Abu Qir, Alex., Egypt	2008	Until now	Researcher	Remote sensing, GIS specialist, geologist.

Faculty of Science. Moharam bek, Alex., Egypt	2008		Instructor	Remote Sensing Instructor
Axon Global Training Company, Shatby, Alex., Egypt	2007	2009	Instructor	Computer Instructor

Training courses attended, Projects, computer skills and languages Scholarships & Workshops

- Participation in the training course of UNESCO (**GIS and Remote Sensing Applications for the Water Sector**) that was held in Delft, **Netherland** from **29 Oct to 9 Nov, 2012**.
- Participation in the Mediterranean and North Africa Program (MENA) training program (**Climate Change-Mitigation and Adaptation**) which was held in Norrkoping-Stockholm, **Sweden** from **26 Sep to 21 Oct, 2011**. The second part of the program was held in **7- 12 May, 2012** in **Lebanon** for a one week to present the individual project results.
- Participation in a work shop in BRGM company in **France** on **21/3/2010** and in **Alexandria, 15/6/2010** in the framework of world bank climate change project as I'm the focal point of geology category
- Participation in training course attendance in **Fortaleza, Brazil**, from **1 Nov to 15 Nov, 2010** on remote sensing applications over land and ocean titled "**COSPAR training and Capacity building course on earth Observation: Understanding of the Water Cycle (Over Land and the Ocean)**".
- Participation in summer training course in petroleum geology, well logging, Sedimentology, structures and stratigraphy (litho-, bio- and chronostratigraphy) held at Western Desert Operating Petroleum Company (**WEPCO**), Alexandria, in **8, 2003**
- Sharing in some important training field trips to Fayum with Prof. Dr. Mohamed Ramadan in 2003, Cairo (APATSHY Petroleum Company) in 2002 with Pro. Dr. Adly El-Nikhely, Northern coast of Egypt at Borg Elarab and field trip for geophysical survey with Prof. Dr. Tharwat in 2003

- Achievement in a training course "**Remote Sensing of the Environment and Earth image Processing**" (RSEIP), **15-17 April, 2007** from Faculty of Science, Department of Environmental Science, Alexandria University.
- Attendance for first conference on " Contemporary Environmental Issues in Arid and Semi-Arid Regions (Climate Change: Envi 2008)", **25-27 October, 2008**, Faculty of Science, Alexandria University. I had presented a paper entitled: (Change Detection Analysis of Coral Reefs over Hurghada Using Satellite Images)
- Participated successfully in the "**Training of Trainers for WBI Natural Disaster Risk Management Program**" – Online course – World Bank Institute Distance Learning WBI and Global Facility for Disaster Reduction and Recovery GFDRR, **March 22 – April 17, 2010**.
- **Facilitator** of World Bank Online Courses; Comprehensive Disaster Risk Management Framework and Climate Change and Disaster Risk Management, 2010, 2011, 2012. Natural Disaster Risk Management Program, Training of Trainers from "WBI" and "GFDRR"

Projects

- Vulnerability assessment of **Abu-Qir Project** financed by International organization of migration **Jan to June 2013**. I was responsible for the remote sensing analysis of land use/land cover change detection as well as preparation of syllabus for school students about how to survive from natural disasters.
- Participation in World Bank – Arab Academy project 2009/ 2011 (**Climate Change Adaptation and Natural Disaster Preparedness in the Coastal Cities of North Africa-Alexandria City**). I was the focal point of Geology category and GIS team. My task in this project was the collection of seismic, geotechnical and geological data of Alexandria city, analyzing it and finally got recommendations on the vulnerability of climate change on Alexandria.

Published papers in peer-reviewed journals

H. El-Askary, **S. H. Abd El-Mawla**, J. Li, M. M. El-Hattab, and M.El-Raey (2013) : Change Detection of Coral Reef Habitat Using Landsat- 5 TM, Landsat-7 ETM+ and Landsat-8 OLI Data in the Red Sea (Hurghada, Egypt), **International Journal of Remote Sensing**.

Computer Skills

Good knowledge of the following software:

- Microsoft Office (word, excel, access, PowerPoint) , ICDL certificate
- AutoCAD Map
- GIS software (ArcGIS); ArcInfo - ArcView
- Image processing softwares(RSI ENVI, Erdas Imagine, ER Mapper).

Languages

Arabic: Mother tongue

English : Very Good (spoken and written)

REFERENCES

Name	Prof. Mohamed El Raey	Name	Dr. Wahid Moufaddal
Address	163 EL Horea Avenue, Institute Of Graduate Studies and Research - Shatby	Address	Qayet bay Al Anfoushy, 21556
E-mail	melraey@gmail.com	E-mail	wahid_moufaddal@yahoo.com
Name	Prof. Tharwat A. Abd el Fattah	Name	Dr. Ola Arafat
Address	Geology Department, Faculty of Science, Alexandria Univ.	Address	Arab Academy for Science, Technology and Maritime Transport ,Simulator Complex, Abu Qir, Alexandria
Telephone	(+203) 3911794	E-mail	Ola_arafat@yahoo.com
Name	Dr. Hesham M. El-Askary		
Address	-Schmid College of Science, Chapman University, California, USA -Department of Environmental Sciences, Faculty of Science, Alexandria Univ.		
E-mail	helaskary@gmail.com		