



*Permanent Delegation
of the Arab Republic of Egypt
to Unesco*

2019/WHC

Paris, 30th of September 2019

The permanent Delegation of the Arab Republic of Egypt to UNESCO presents its compliments to the World Heritage Centre, and following its Note dated 19th of February 2019 informing that the Egyptian Government has decided to submit the candidature of Egypt to the World Heritage Committee, at the elections due to be held during the 22nd General Assembly of the States Parties to the 1972 Convention on the Protection of the World Cultural and Natural Heritage, in November 2019.

The Delegation would like to precise that, if elected, Egypt will reduce its term of office to 4 years, and will be represented on the Committee by the following team of experts, whose Curriculum Vitae are attached:

- Prof. Aly Omar Aly Abdalla, Professor at the Faculty of Tourism and Hotel Management, Helwan University.
- Dr Mohammed Sameh Mohammed Antar, Director-General, Central Parks of Egypt, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of Environment.
- Dr Mohamed Talaat El-Hennawy, Director-General, Nature Conservation Sector-Resource Person, Egyptian Environmental Affairs Agency and Ministry of Environment.

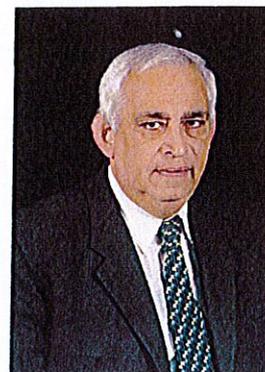
The permanent Delegation of the Arab Republic of Egypt to UNESCO avails itself of this opportunity to renew to the World Heritage Centre, Sector of Culture, the assurances of its highest consideration.



Ms Mechtild ROSSLER
Director of the World Heritage Centre
Sector of Culture
UNESCO House

Curriculum Vitae

Prof. Aly Omar Aly Abdalla



Personal Details:

Date of Birth: 17 June 1951
Place of Birth: Giza
Marital Status: Married
Address: 35 Wezarat el Zera'a St., Dokki, Giza, Egypt
Telephone Numbers: **Home :** (2-02) 23456039 ; **Mobile :** (2) 01006077364;
Office : (2-02); 23654406 ; **Fax :** (2-02) 23652795
E-mail Address: aliomar1000@gmail.com
Current Position: Professor at the Faculty of Tourism and Hotel Management, Helwan University (since July 1993).

Degrees:

- Ph.D. in Archaeological Studies (Liverpool University, UK, 1983).
- B.Sc. (Higher Institute of Tourism; Tourist Guidance Department, 1973).

Posts Held:

August 2011 till now Professor in Tourism Guidance Department and head of the tourism and hospitality sector, supreme council of universities.
August 2010- August 2011 Vice-president for Post graduate studies and researches, Helwan University.
September 2005 - August 2010 Dean of the Faculty of Tourism and Hotel Management, Helwan University.
April 2005- August 2005 Vice Dean of the Environmental Affairs, Faculty of Tourism and Hotel Management, Helwan University.

September 2004- April 2005	Head of the Tourist Guidance Department, Faculty of Tourism and Hotel Management, Helwan University.
September 2002- August 2003	Dean of the Higher Institute for Hotel Management, Hurghada.
August 1996-July 2002	Dean of the Faculty of Tourism and Hotel Management, Helwan University.
July 1995	Acting Department Head for the Guidance Department, Faculty of Tourism and Hotel Management, Helwan University.
August 1994	Acting Department Head for the Hotel Management Department, Faculty of Tourism and Hotel Management, Helwan University.
December 1993	Vice Dean for Students and Educational Affairs, Faculty of Tourism and Hotel Management, Helwan University.
July 1993	Professor of Egyptology at the Guidance Department, Faculty of Tourism and Hotel Management, Helwan University.
December 1989	Acting Vice Dean for Research and Postgraduate Studies, Faculty of Tourism and Hotel Management, Helwan University.
May 1989	Associate Professor at the Guidance Department, Faculty of Tourism and Hotel Management, Helwan University.
May 1984	Lecturer at the Guidance Department, Faculty of Tourism and Hotel Management, Helwan University.
September 1978- November 1983	Demonstrator at the Faculty of Tourism and Hotel Management, Helwan University (during which there was a scholarship to Britain for the purpose of acquiring the Ph.D. from the University of Liverpool).
October 1973- December 1975	Demonstrator at the Higher Institution of Tourism, Ministry of Higher Education

Scientific Associations Membership:

- Egypt Exploration Society, London, UK.
- Egyptian Society of Scientific Tourism Experts, Cairo, Egypt.

Supervision on Postgraduate Studies:

- Supervision on 55 Ph.D. and Master Theses, of which 52 are completed (1998 – till now).
- External Examiner for some 70 Ph.D. and Master Theses in :
 - Faculty of Arts, History Department, Alexandria University.
 - Faculty of Archaeology, Ancient Archaeology Department, Cairo University.
 - Faculty of Arts, History Department, Zagazig University.
 - Higher Institute of Ancient Civilizations of the Near East, Zagazig University.
 - Faculty of Tourism and Hotel Management, Guidance Department, Alexandria University.
 - Faculty of Art, University of Lyon, France.

Teaching Programs:

- Ancient Egyptian History
- Graeco-Roman History and Civilization
- Ancient Egyptian Archaeology
- Graeco-Roman Archaeology
- Ancient Egyptian Language
- Touristic Guidance

Postdoctoral Researches, Conferences and Seminars:

- Post-doctoral researches in Britain “scholarship from the British Council” (August till October 1987)
- Post doctoral researches in Britain “scholarship from the Griffith Institute, Oxford” (from July 1990 till July 1991).
- Conference of Nutrition Industry for Tourist Services (Cairo, October 1987).
- Fifth International Congress of Egyptologists (Cairo, October 1988).

- Conference of Alexandria and Roman-Hellenistic World (Alexandria, November 1992).
- Seventh International Congress of Egyptologists (Cambridge, Britain, September 1995).
- The Conference of the Mediterranean Relationship (Palermo, Italy, March 1999)
- Eighth International Congress of Egyptologists (Cairo, Egypt, March April 2000).
- The Conference of the World Tourism Organization about Tourism Education in the Arab World (Sanaa, Yaman, March 2001)
- Ninth International Congress of Egyptologists (Grenoble, France, September 2004).
- The Conference of Integrated Tourism (Palermo, Italy, 2005)
- The Third International Conference of Integrated Tourism and Strategic Planning. (Cairo, Egypt, 2009).
- Visiting professor to the University of Montpellier III, January 2012.
- Visiting professor to the University of Montpellier III, January 2013.
- Visiting professor to the University of Montpellier III, June 2014.
- Visiting professor to the University of Montpellier III, February 2016.

Partnership Projects:

- Participated in the introduction of the dual education between the technical Collage at Matteriah (Ministry of Higher education) and Americana company (2006-2009)
- Participated in the introduction of the reciprocal education between the faculty of tourism Helwan University and Americana company (2009- 2010)
- Coordinator of the Egyptian side for the Joint Master Degree on “The Integrated Tourism and Strategic Planning” between Helwan University (Egypt) and Palermo, University, Italy. (2006-2010).
- The Coordinator of the Egyptian side for the Joint Master Degree on "The Museum Studies" between Helwan University Egypt and University of Würzburg, Germany. (2015- till now).

Scientific and Administration Activities:

- Liverpool University Fellowship, Faculty of Arts, Britain.(1990 – 1991)
- Member of the Board of Directors at the Egyptian Museum (1998-2005).
- Member of the Board of Directors at the Graeco-Roman Museum at Alexandria (1994-1996).
- Member of the Committee of the Ministry of Tourism concerned with the periodical exams for Tourist Guides (1985 - till now).
- Member of Specialized National Councils, Civilization and Heritage Department (1996 - 2016).
- Member of the National Committee for Developing Technical Education (Tourism and Hospitality) (2001 -2016)
- Head and Member of the Permanent Committee for the Promotion of Assistant Professors and Professor in Tourism and Hospitality. (1996 – 2011)
- Member of the Education Committee in Tourism and Hospitality Sector. Ministry of Higher Education.(1993 – till now)
- Head and Member of the Education Committee in Tourism and Hospitality Sector. Supreme Council of Universities. (1996 – till now)
- Member of the National Committee for Developing Technical Colleges, Tourism and Hospitality. (2002 –2010)
- Member of the Board of Directors of the Grand Egyptian Museum. (2017- till now).
- Member of the Board of the Supreme Council of Antiquities. (2017 - till now).
- Member of the Permanent Committee of the Antiquities Department. (2018 – 2019)
- Head of the Scenario Committee of Museums in Egypt. (2018 - till now).
- Member of the team responsible for the establishment of four new universities. (2018- till now).

List of Publications:

- “An Unusual Private Stela of the Twenty-First Dynasty from Coptos”, *JEA* 70, London, 1984, 65-72.
- “Two Wooden Stelae of the Early Saite Epoch in the Cairo Museum», *GM* 99, Gottingen, 1987, 7-12.
- “A Group of Osiris Cloths of the Twenty-First Dynasty in the Cairo Museum”, *JEA* 74, London, 1988, 157-164.

- "Wooden Stelae from the Late Period in the Cairo Museum", *VA* 4, San Antonio 1988, 5-16.
- "Shabti Box from the Tomb of Sennedjem, in the Cairo Museum", *Journal of the Faculty of Archaeology, Annual bulletin of Egyptian and Oriental Civilizations and Archaeology Paralleltitel* 5, Cairo, 1991, 61-77.
- "A Graeco-Roman Statue of Unusual Character from Dendera", *JEA* 77, London, 1991, 189-193.
- "The Cenotaph of the Sekwaskhet Family from Saqqara", *JEA* 78, London, 1992, 93-111.
- *Graeco-Roman Funerary Stelae from Upper Egypt, Monographs in Archaeology and Oriental Studies*, Liverpool, 1992.
- "Two Monuments of the Eleventh Dynasty Date from Dendara in the Cairo Museum", *JEA* 79, 1993, 248-254
- "Graeco-Roman Statues found in the Sebbakh at Dendera", *The Unbroken Reed Studies in the Culture and Heritage of Ancient Egypt in Honour of A.F. Shore*, *Egypt Exploration Society Occasional Publications* 11, London, 1994, 1-24.
- "Finds from the Sebbakh at Dendera", *GM* 145, 1995, 19-28.
- "The Development of Tourism Education in Egypt" WTO, 2001.
- "Farm Tourism: New Trend of Tourism in Egypt" *Mortis, Microcentralita, Relazionali nel Mediterraneo*, 2004.
- "Ancient Egypt and the Mediterranean Islands" Palermo University Press, 2007.

Mohammed Sameh Mohammed Antar

Cabinet of Ministers
Ministry of Environment
Egyptian Environmental Affairs Agency

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Profile

Dr. Mohamed Sameh has over 17 years' experience in the following fields: He was the Minister Assistant of environment for two years, he was General Manger of central parks of Egypt, he works over 16 years in management positions gaining a wide range of experience in the field of environmental and natural resources management, including: Nature world Heritage management, Biodiversity conservation, Protected Area Management & Planning, Natural Resources Monitoring, Ecology, Habitat Restoration, Valuation of Ecosystem services, Ecotourism Development, Strategic Planning and Paleontological studies.

He represents the Egyptian Government as a focal point for Nature world heritage (UNESCO). He is a member of the World Commission of Protected Areas (WCPA).

In the meantime, Dr. Mohammed worked for 10 years with several projects implemented by several international organizations: national project expert within a project entitled "National Biodiversity Planning to Support the implementation of the CBD 2011-2020 Strategic Plan in Egypt Project (NBSAP Project)", implemented through GEF/UNDP (Present) (2 years); national project expert with in the project called" supporting protected areas of Egypt"; Dr Mohammed is the scientific expert and the Technical advisor for Wadi El Hitan museum for fossils and climate change; he is assistant manager (for Wadi El Rayan protected area) as site manager of Wadi El Hitan world heritage site.

He was the minister assistant for Nature conservation issues, helping the minister in strategic planning for protected areas in Egypt and planning for monitoring and improving the status of biodiversity in Egypt. He is the director of geology and palaeontology in nature conservation sector (NCS); he is the technical manager for Wadi El Hitan World Heritage site. He is the leader for national Paleontological team.

Dr. Mohammed is a visit professor in Kafr El Shekh University, lecturing vertebrate palaeontology and paleoenvironment since 2015.

His current responsibilities include developing Geology, planetology, and management the geological sites in Egypt and supervising Nature World Heritage sites in Egypt (Wadi El Hitan) and mapping and documenting skeletal remains at paleontological sites (Wadi El-Hitan, Gabel Qtrani, Siwa Qattara Depression); conservation of these remains, including fossils excavated for research purposes; developing a laboratory for preparation and conservation of fossils; development of educational displays for tourists visiting the area; and development of policies that protect the fossils while also allowing some research and tourism in the area. He worked closely with Professor Philip Gingerich's team (University of Michigan) for better understanding the depositional environments and extent of the marine fauna represented at Wadi Hitan, and has previously received some training in moulding and casting at the preparation facilities in the Museum of Palaeontology at the University of Michigan.

Dr. Mohammed did several consultancy activities within different countries: in 2014 as International expert to prepare a proposal for "Salinization of Shatt Al-Arab Region" in Iraq, Government of Iraq and Basra University; in 2013 as International consultant for evaluation of the Socotra World Heritage Site in Yemen, and deliver training and capacity-building to local staff for the operationalization of the management system, with IUCN and the Arab Regional Centre of Heritage;

Skills include Project Management, Team Leadership, Technical Writing and Presentation, Statistical Analysis, GIS, Policy, Strategy and Action Plan Development, Proposal Writing, Field Techniques, Taxonomy of Fauna and Flora and Habitat Delineation. He received his PhD Degree in 2011 on vertebrate palaeontology.

He was awarded on 2007 Propagators' Grant because the training he had received in vertebrate fossil preparation and conservation at the University of Michigan Museum of Paleontology will be applied to preservation and proper treatment of fossils at an important and unique World Heritage Site, Wadi Hitan (famous for its hundreds of archaeocete whale skeletons).

Personal

- ① **Sure Name** : Antar
- ② **Other name** : Mohammed Sameh M., Antar Abed El-Hamid
- ③ **Nationality** : Egyptian
- ④ **Date of Birth** : 2-6-1976
- ⑤ **Marital State** : Married
- ⑥ **Address** : Cairo, Egypt
Postal code (11728)
- ⑦ **Phone No.** : Mob. +2 0100 6345079 *preferred*
+2 0114 5689555
- ⑧ **Email** : wrpashark@yahoo.com

Academic

- 2011 ♦ PhD in Geology (Paleo-environments of the exposed Eocene Sediments between Wadi El-Hitan and east Siwa in the Egyptian Western Desert based on their faunal content especially the vertebrates), 2011 Faculty of Science, Zagazik University, Egypt.
- 2007 ♦ M.Sc. in Geology (stratigraphy –analysis of Eocene fauna(vertebrate-invertebrate) in Wadi El-Rayan- Wadi El-Hitan-fayoum), 2007, Faculty of Science, Zagazik University, Egypt.
- 1998 B.Sc. (Geology and chemistry), 1998, Faculty of Science, Mansoura University, Mansoura, Egypt.

Current Position

- April 2018-
update | **Director General**, Central Parks of Egypt, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of Environment.
- April 2011
– 2018 | **Director Geology and Paleontology Department**, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of Environment.
Management & Conservation
 - Supervise and coordinate preparation and implementation of management and

site plans to develop the geological and paleontological sites in protected areas network of Egypt on the light of national plans

- *Supervise and coordinate preparation and implementation of management and site plans to develop Wadi El-Hitan World Class Natural Heritage Site in Egypt, (Open air museum – Indoor Museum, Research and investigation)*
- *Support and encourage proposals and national/international projects to develop the paleontological sites with international organizations (UNESCO-WHC, Arab Regional Center for Heritage-Bahrain, UNDP, Michigan University...etc.)*
- *Supervise the implementation of the national/international laws and conventions related to Natural Heritage*
- *Supervise updating of information and database for the paleontological and geological resources for the areas under supervision in Egypt*

Survey

- *Conducts and coordinate all paleontological and geological surveys in protected areas network of Egypt*
- *Survey and Mapping of paleontological sites for Egypt Parks*
- *Identification, classification of paleontological specimens and preparing the necessary collections for reservation/exhibition/research*

Excavation and Curation

- *Planning the excavation and curation map for paleontology conservation in Egypt parks.*
- *The main responsible for excavating/curating/preparing paleontological specimens for different purposes all over the Egypt network of protected areas*
- *Establish and supervise the national team for survey, excavate, curate and exhibit palontological items for conservation purposes.*

Museums and Exhibitions

- *Establishing (Planning, implementation) the first open air museum in Egypt for Wadi El-Hitan World Heritage Site.*
- *Supervise the entire technical work for preparing the in-door exhibition of "Climate Change and Fossil Museum of Wadi El-Hitan World Heritage Site".*
- *Training the national team for curation, preparation and exhibiting the fossils.*
- *Provides scientific guidance*
- *Establishing the 1st academic team in collaboration with Mansoura University in Egypt for vertebrate paleontology research and exhibition in Egypt.*
- *Plan and deliver the necessary paleontological training to different target groups in the field of paleontology*

Professional Experience

2015-2017

Minister assistant, for planning and developing protected areas in Egypt

- *Preparing and recommending the general policies, plans and actions required for the nature conservation and natural resource management to the GOE.*
- *Planning for establishing future parks in Egypt*
- *Promoting and ensuring the implementation of strategies and actions to conserve the nature in Egypt and monitoring of their compliance with the national/international laws and conventions to meet the commitments of the GOE.*
- *Enhancing the mainstreaming of Biodiversity conservation and natural resource development inside and outside protected areas in all sectors of Egyptian Authorities.*
- *Coordinating with national and international agencies to respect and implement the strategies and actions related to nature conservation and natural resource*

management via protocols and MOUs and other necessary actions.

- Ensure the Public awareness among the Egyptian society about the nature conservation and protected areas.
- Coordinate the establishment and update of the Land use map of the Egyptian territory

Proposing and implementing the projects that can develop the protected areas and their natural resources and the local communities inside and around the protected area network of Egypt.

2016- 2019	<p>Director General, Central Parks of Egypt, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of Environment.</p> <ul style="list-style-type: none"> - Supervise and coordinate the management of western desert parks of Egypt (Wadi El Ryan, Qarun, ElHassna Dome, Wadi Sanour Cave, Petrified forest and Wadi Degla Parks) - Supervise and coordinate preparation and implementation of management and action plans to develop the parks under supervision on the light of national plans. - Direct planning and management supervision of the existed parks - Supervise and planning for the future parks in the central region - Support and encourage proposals and national/international projects to develop the parks and local communities within and around the area. - Supervise the implementation of the national/international laws and conventions related to biodiversity conservation and natural resource management. - Coordinate with national and local authorities for law enforcement and development of natural resource of the supervised area. - Supervise updating of information and database for the resources under supervision.
2012- date	<p>National focal point, for Nature world heritage sites, UNESCO, developing Wadi El Hitan Site, IUCN to desktop review and evaluator the nomination files for Natural World Heritage Sites for UNESCO.</p>
2008- present	<p>Member of the World Commission of Protected Areas (WCPA), the International Union for Conservation of Nature (IUCN); helping governments and others plan protected areas and integrate them into all sectors.</p>
2006 – Present	<p>Part Time Trainer within the national team for capacity building of Nature Conservation Sector' staff, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.</p>
2005 – Present	<p>Head of the national team on planning and management of the World Natural Heritage Site in Wadi El-Hitan (Valley of the Whales), Wadi El-Rayan Protected area, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.</p>
2005 – 2011	<p>Sit Mlanger of Wadi El-Hitan (Nature world heritage site)</p> <ul style="list-style-type: none"> - Uniforms monitoring programs and helping in detecting indicator, key flag and key stone species in Egyptians parks. - Reporting about the biodiversity status of protected area. - Identifying and mapping Egyptian habitat. - Teaching vertebrate planetology - Display fossils and preparing scientific text for the 1st nature museum in Egypt located in Wadi El Hitan. - Leading field trips for exploration and discovery for vertebrate fossils

- Full duty scientific monitoring activities in Wadi El-Rayan Protected Area:
 - Fossil monitoring
 - Soil sampling and identifying invertebrate fossils
 - Maintaining Vertebrate fossil site
 - Mapping strata and fossil sites
 - Full duty preparation of the annual scientific monitoring program of the Wadi El-Hitan.
 - Full duty preparing and identifying fossils samples
- 2003 - 2005
- Member of the board of NGO (Egyptian society for protecting environment and wild life) and establishing the friends of Wadi El- Hitan group.
 - Desktop reviewer for nature heritage nomination files.
- 200 – Present
- Environmental Researcher** in Wadi El-Rayan Protected Area, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.

PERSONAL SKILLS

- Project management*
- Initiate and coordinate some specific actions within the projects e.g., recruitment, performance appraisal, job classification reviews, staff training, etc., ensuring consistency in the application of donors rules and procedures.
 - Establish and maintain a set of sound policies, procedures, standards and tools which are consistent with donor's policy and practices.
 - Supervise a staff team and provide expert advice, guidance and leadership to more junior staff on management issues and practices.
 - Monitor and analyze project development and implementation; review relevant documents and reports.
 - Provide substantive support to meetings and conferences including proposing agenda topics, identifying participants, preparation of documents and presentations. Conduct training workshops and seminars; make presentations on assigned topics.
 - Participate in or lead field missions, including provision of guidance to external consultants, government officials and other parties and drafting mission summaries.
 - Coordinate activities related to budget and funding (project preparation and submissions, progress reports, financial statements, etc.) and prepare related documents/reports, including work programmes, programme budgets, etc.). Review, analyze and assist with the preparation of budget performance of projects.
- Team working*
- Experience of working in groups during projects including planning, role, allocation, co-ordination and commitment.
 - Able to work in a multicultural, multi-ethnic environment and to maintain effective working relations with people of different national and cultural backgrounds.
 - Ability to exercise leadership and supervisory skills, coach, mentor and develop staff capacity to encourage good performance.
 - Coordinate and monitor the work of others, in order to delegate appropriate responsibility, accountability and decision-making.
- Communication*
- Excellent drafting ability and communication skills, both oral and written.
 - Effective written, oral and presentation skills, particularly ability to present information in a concise and accurate manner by clearly formulating positions on issues, articulating options concisely conveying the maximum necessary information, making and defending recommendations
 - Provide advice and guidance to others, particularly junior staff.
- Creativity*
- Propose new ideas and activities that would support the overall implementation of the

- work activities (e.g. create special decompose field toilets and implemented within some protected areas in Egypt.
- Create special financial official system for the Nature Conservation Training Centre in order to ensure its sustainability.

CONFERENCE, TRAINING & WORKSHOPS

November 2016	International Conference "World Heritage Sites and Museums" co-organized by UNESCO and Arab Regional Centre for World Heritage (ARCWH) (in cooperation with ICCROM, ICOMOS, IUCN and ICOM, UNESCO Headquarters in Paris
March 2016	Regional workshop on the role of local communities in the management and conservation of world heritage sites, Mauritania
December 2015	The Management of Natural Heritage in Support of Sustainable Development: an Institutional Challenge in the Arab States, Paris
Sept 2013	Regional Meeting for Natural World Heritage in the Arab States, Arab Regional Centre for World Heritage, Bahrain.
December 2011	Regional Meeting for Natural World Heritage in the Arab States, 6-8 December 2011, Amman, Jordan
27 November – 2 December 2011	REGIONAL WORLD HERITAGE WORKSHOP FOR THE ARAB STATES, Manama, Bahrain.
March-May 2010	Casting and mounting <i>Basilosaurus isis</i> whale in Michigan University, USA (1st complete whale, 40 million years).
April, 2009	UNESCO workshop (world heritage sites) " Sub regional workshop in the framework of the second cycle of periodic report for the Arab states", Doha, Qatar
May-August, 2008	Advanced training course in "Vertebrate Fossil Preparation and molding and casting", Ann Arbor, Michigan, USA.
October 2007	Award of preparators Grant from Society of Vertebrate Paleontology, , Texas, USA .
June- September 2006	Training course in " Vertebrate Fossil Preparation and molding and casting" ,Ann Arbor, Michigan, USA.
July 2009	Annul meeting for protected areas Managers in Egypt, Sharm El-Sheikh, Egypt
March 2008	Introduction course for Wadi El-Rayan and Qaroun, Egyptian Italian Environmental Program, Fayoum, Egypt
July 2007	Annul meeting for protected areas Managers in Egypt, Sharm El-Sheikh, Egypt
June 2007	Workshop on business planning for protected areas in Egypt, Egyptian Italian Environmental Program
March 2008	Introduction course for Wadi El-Rayan and Qaroun, Egyptian Italian Environmental Program, Fayoum, Egypt
2012	Workshop on GIS, land use mapping, Nature Conservation sector Capacity

	Building Project, Wadi El Gemal , Egypt
2013	Workshop on GIS, land use mapping, Nature Conservation Sector Capacity Building Project, Ras Mohamed National Park, Sharm El-Sheikh, South Sinai, Egypt
2014	Workshop on management effectiveness evaluation, Nature Conservation Sector Capacity Building Project, Qaroun protected area, Fayoum, Egypt
2014	Workshop on Uniforms monitoring programs and helping in detecting indicator, key flag and key stone species in Egyptians parks., Nature Conservation Sector Capacity Building Project, Ras Mohamed National Park, Sharm El-Sheikh, South Sinai, Egypt
2006	Training course in Application of Arc GIS&II, 22-1 to26-1-2006, Quality Standards Information Technology ESRI International Distributor, Cairo, Egypt
2005	Training course in Management and planning protected areas, 30-6 to 29-7-2005 held at Grand sasso, Italy.
2003	Short training course about Principals of GIS and GIS Software, 1-12 to 10-12-2003, National authority for remote sensing and space Science, Cairo, Egypt.
2000	Training course on "The use skills of GIS software MapInfo", Wadi El-Rayan Protected Area, Fayoum, Egypt.
2001	Short Course on "Geological Parameters for Environmental Protection)", Jan. 21 -- 25, 2001, held at Cairo University, Giza, Egypt.

REPORTS & PUBLICATIONS

A. TECHNICAL REPORTS:

- Qatrani site plan 2016.
- Eocene Shark teeth guide in western desert of Egypt (2015)
- Fossils monitoring report in Wadi El-Hitan World Heritage Site (2005-2010) for EEAA
- Five years report in field work with Michigan university for EEAA
- Annual work report in Wadi El-Hitan (2005-2010) for EEAA
- Outstanding Universal Value of Wadi El Hitan
- 1st Progress Report on the Protection and Management of Wadi El- Hitan.
- Valley of the Whales World Heritage Site Egypt. 2006
- 5 Years Progress Report STATE OF A WORLD HERITAGE SITE WADI EL-HITAN, 2010
- Environmental geology chapter in Environmental and Socioeconomic Profile for Natural Gas pipeline Assiut-Aswan (505 km), 2008
- Eocene shark teeth guide in the western desert.

B. SCIENTIFIC PUBLICATIONS

1. New skeleton of *Basilosaurus isis* (Mammalia, Archaeoceti) from the middle-to-late Eocene of Wadi Hitan, Egypt (abstract). Journal of Vertebrate Paleontology, Abstracts of Papers, 25 (Suppl. to 3): 63. 2005
2. Paleoenvironments of Wadi El Rayan Eocene, Southwest Fayoum, Egypt By Using Community Faunal Analyses second scientific environmental conference, Zagazig Uni., Egypt. 125- 141. 2007

3. Community Analyses Of The Eocene Faunal Assemblages In The Exposed Wadi El Rayan Area, Southwest Fayoum Town, Egypt, MSc, Fac of Sci. Zagazig Univ., Zagazig, Egypt, 116p. 2007
4. Sequence stratigraphic control on preservation of late Eocene whales and other vertebrates at Wadi Al-Hitan, Egypt. *Palaios*, 24, 290-302. 2009
5. Innominate and hind limb of *Dorudon atrox* (Mammalia, Cetacea, Archaeoceti) from Wadi Hitan, Egypt. *Journal of Vertebrate Paleontology*, in press.
6. Sexual dimorphism in *Basilosaurus isis* (Mammalia, Cetacea, Archaeoceti) from Wadi Hitan, Egypt. *Journal of Vertebrate Paleontology*, in press.
7. Projection stratigraphy of the upper Eocene Gehannam, Birket Qarun, and Qasr el-Sagha formations and their fossil whales at the Wadi Al Hitan World Heritage Site, western Fayum Province (Egypt). *Berichte Geol. B.-A.*, 85.
8. Shark and ray faunas in the Late Eocene of the Fayum, Egypt. *PGEOLA- 103*; No. Of pages 20 (article in press.)
9. Paleo-environments of the exposed Eocene sediments between Wadi El-Hitan and east Siwa in the Egyptian Western Desert based on their faunal content especially the vertebrates. Ph. D. thesis, 186 p.
10. Large-scale glaciation and deglaciation of Antarctica during the late Eocene, geology.gsapubs.org.
11. Priabonian Sharks And Rays (Late Eocene: Neoselachii) From Minqar Tabaghbagh In The Western Qattara Depression, Egypt, *contributions Vol. 32, no. 6, pp. XX-XX* 2012
12. First remingtonocetid archaeocete (mammalia, cetacea) from the middle Eocene of Egypt with implications for biogeography and locomotion in early cetacean evolution. 2014 Qaroun Formation, Wadi El Hitan, Egypt, *SVP*, 2014.
13. The first Nearly complete neurocranium of *asiluriform* (cat fish) from the upper Eocene Birket
14. Conservation oriented habitat classification scheming and mapping of Egypt, 2015, *Environmental Systems Research*, springer. 2015:8, <https://environmentalsystemsresearch.springeropen.com/articles/10.1186/s40068-015-0034-1>

LANGUAGES

Native Language: Arabic

Other Languages:

Language	English
Reading Skills	Excellent
Writing Skills	Excellent
Verbal Skills	Excellent

Training

2000	Training course about the use skills of GIS software <i>MapInfo</i> , Wadi El-Rayan Protected Area, 2000, Fayoum, Egypt.
2001	Short Course on "Geological Parameters for Environmental Protection", Jan. 21 – 25, 2001, held at Cairo University, Giza, Egypt.
2003	Short training course about Principals of GIS and GIS Software, 1-12 to 10-12-2003, National authority for remote sensing and space Science, Cairo, Egypt.
2005	Training course in Management and planning protected areas, 30-6 to 29-7-2005 held at Grand Sasso, Italy.
2006	Training course in Application of Arc GIS&II, 22-1 to 26-1-2006, Quality Standards

- Information Technology ESRI International Distributor, Cairo, Egypt
- 2006 Training course in "Vertebrate Fossil Preparation and molding and casting" 22-6 to 11-9-2006, Ann Arbor, Michigan, USA.
- 2007 Award of preparators Grant from Society of Vertebrate Paleontology, 12-10-2007, Texas, USA.
- 2008 Advanced training course in "Vertebrate Fossil Preparation and molding and casting" may-August, 2008, Ann Arbor, Michigan, USA.
- 2009 UNESCO workshop (world heritage sites) " Sub regional workshop in the framework of the second cycle of periodic report for the Arab states" April, 2009, Doha, Qatar
- 2010 Casting and mounting *Basilosaurus isis* whale in Michigan University, USA (1st complete whale, 40 million years), March-May 2010.
- 2011 REGIONAL WORLD HERITAGE WORKSHOP FOR THE ARAB STATES, 27 November – 2 December 2011, Manama, Bahrain.
- 2015 Regional meeting for national focal points of Natural World Heritage in the Arab States, December, 2011, Amman, Jordan
- Training of effective leadership, 2015,

COMPUTER

Windows and its office applications

Good deal with GIS software MapInfo-ArcGIS and its practical applications

REFERENCES

- Dr. Philip D. Gingerich, Department of Earth and Environmental Sciences, Museum of Paleontology, University of Michigan, 1109 Geddes Ave, Ann Arbor, MI 48109-1079, gingeric@umich.edu
- Dr. William J. Sanders, Senior Research Laboratory Specialist. Assistant Research Scientist
- Museum of Paleontology, University of Michigan, wsanders@umich.edu, <http://www.lsa.umich.edu/paleontology/research/billsanders>
- Dr. Iyad zalamout Mammals Research Chair, Department of Zoology, College of Science, King Saud University, P.O. Box 2455, Riyadh, 11451, Saudi Arabia, izalmout@ksu.edu.sa
- Dr. Dan Paleczny, Former International Co-manager, IUCN-International Union for the Conservation of Nature, Ontario Parks, Canada email: paleczny@accel.net – dan.paleczny@ontario.ca – tel: 7057551745).
- Dr. Mohamed Talaat El-Henawy, Director of Nature Conservation Sector, Egyptian Environmental Affairs Agency, Ministry of State for Environmental Affairs (30



Misr/Helwan Road, El-Maadi, Cairo, Egypt, email: mthdorcas@yahoo.com – 002 010 05763613).

- Dr. Mahmoud Hatem, professor of paleontology, Zagazig University. metwallyhatem5@yahoo.com

**Dr. Mohamed Talaat El-Hennawy**

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Profile

Dr. Mohamed Talaat El-Hennawy, joined the Nature Conservation Sector (NCS) within the Egyptian Environmental Affairs Agency (EEAA) as environmental researcher since 1998. His work involves more than 17 years in different aspects of natural resources management: Protected areas management, planning and management effectiveness evaluation; conservation of biodiversity; ecology and natural resources scientific monitoring; financial sustainability and business planning of protected areas; management of natural world heritage sites.

He represents the Egyptian Government as a focal point for the Global Strategy of Plant Conservation under the Convention of Biological Diversity (CBD). In addition he is a member of 2 commissions within the IUCN: the World Commission of Protected Areas (WCPA) and the Commission on Ecosystem Management (CEM).

Dr. M. Talaat worked for more than 17 years with several projects implemented by international organizations: Coordinator of management and effectiveness monitoring and evaluation with the Egyptian Italian Environmental Cooperation Program in Egypt (Phases I&II) within a project "Support to Wadi El-Rayan Protected Area", implemented through Italian Cooperation/UNDP (1999-2008); Focal point for implementing the GEF/UNDP/EEAA and UNDP/Italian Cooperation projects "Strengthening protected area financing and management systems in Egypt"; and Support to Protected areas of Egypt" subsequently for 2 years; National consultant for the GEF/UNDP medicinal plant conservation in arid and semi-arid regions project implemented in Egypt (St. Catherine area/Sinai)

Currently, he is in charge of Directorate General at the Nature Conservation Sector of Egypt. During his career within the EEAA of Egypt he got several positions: 1) Undersecretary for Protected Areas Sector of Egypt (World Heritage Site, Nature Conservation Sector); 2) Director General, Central Parks of Egypt, 3) Director, Plant Diversity Dept., 4) Director, Wadi El-Rayan Protected Area and The World Heritage Site Wadi El-Hitan, 5) Member of the national team for planning and management of the Natural World Heritage Site in Wadi El-Hitan (Valley of the Whales), 6) Member of the national team for evaluation of management effectiveness of protected areas in Egypt, 7) Member of the national team for business planning of protected areas in Egypt, 8) Part time trainer of the national team for capacity building of nature conservation sector' staff.

Dr. Mohammed did several consultancy activities within different countries: in 2018 with UNESCO WHC (World Heritage Center) HQ, and IUCN as an IUCN expert for the Reactive Monitoring Mission and report for PETRA World Heritage Site, Jordan; in 2018, 2017 with IUCN and Arab Regional Center for World Heritage in Bahrain as a resource person for 3 interactive capacity building program for Directors of World Heritage Sites in Arab Region for Management Effectiveness Evaluation (Bahrain, Jordan, Morocco); in 2015 with IUCN West Asia Office ROWA as international consultant to prepare the Resource Mobilization Strategy of Egypt for Biodiversity Conservation. in 2014 as International expert to prepare a proposal for "Salinization of Shatt Al-Arab Region" in Iraq, Government of Iraq and Basra University; in 2013 as International consultant for evaluation of the Socotra World Heritage Site in Yemen, and deliver training and capacity-building to local staff for the operationalization of the management system, with IUCN and

the Arab Regional Center of Heritage; in 2012, as International Trainer for the KSA on protected areas planning and management with the Saudi Wild Life Authority the National Commission for wildlife Conservation and Development (NCWCD); in 2009 as International consultant for the Nile Basin Initiative, Nile Transboundary Environmental Action Project to prepare the Wetland Biodiversity Baseline study of Egypt; in 2009 as International consultant to prepare the National Progress towards Targets of the Global Strategy for Plant Conservation for the CBD, EEAA/GEF, and many other consultancies related to Nature Conservation and Biodiversity

He is also member of board of several non-governmental organizations (e.g. Friends of Wadi El-Hitan, Valley of the Whales & Egyptian Society for Wild Life Conservation).

Prior joining the EEAA, he joined Mansoura University: 1) Teaching of the practical course of engineering chemistry for the primary year engineering students; 2) Biological and chemical environmental analyses specialist at the water technology and chemical analysis unit, Mansoura University; 3) Part time member at Environmental Impact Assessment and Consultancy Center of Mansoura University; his activities included the preparation of environmental classification models and EIA studies of the projects; 4) Member of the international projects Long-Term Program for Pollution Monitoring and Research In The Mediterranean (MED POL Phase II), University of Mansoura/EU project.

During the course of his career, he trained in Egypt as well as abroad in Europe and USA on the natural/cultural resources management, evaluation of management effectiveness of protected areas, scientific monitoring, business planning of PA and sustainable development. He has a very good experience about water quality control and analyses.

Skills include Project Management, Team Leadership, Technical Writing and Presentation, Statistical Analysis, GIS, Policy, Strategy and Action Plan Development, Proposal Writing, Field Techniques, Taxonomy of Fauna and Flora and Habitat Delineation. He received his PhD Degree in 2012 on Ecology.

He received his PhD on Ecology and environmental management of wetland ecosystems in 2010, Master Degree in 2000 on Plant/Fresh Water Ecology and his Diploma in management of water resources in 2004.

Personal

Sure Name: EL-HENNAWY
 Other name: Mohammed Talaat Abdou Ahmed
 Nationality: Egyptian
 Date of Birth: 5 July 1973
 Sex: Male
 Marital Status: Married
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 Phone No.: Mob. 002 0100 5763613
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Academic

2010	Ph.D., "Ecology & Management of Wetland Ecosystems" (Plant Ecology), Ain Shams University, Cairo, Egypt
2004	Diploma, "Management of Water Resources and services", HYDROAID, April to August 2004, International Training center of the International Labor Organization, Turin, Italy
2000	M.Sc., "Plant Ecology - Fresh Water Ecology", Faculty of Science, Mansoura University, Mansoura, Egypt.
1994	B.Sc. (Botany), Faculty of Science, Mansoura University, Mansoura, Egypt.

Current Position

- July 2016
date
- Director General, Nature Conservation Sector – Resource Person, Egyptian Environmental Affairs Agency and Ministry of Environment.**
- Assist coordination of Management planning activities of the Egypt's protected areas
 - Coordination of World Heritage issues and activities in the Egyptian protected areas
 - Coordination for future protected areas declaration and boundaries update
 - Revision for the periodical monitoring and achievements reports of the NCS
 - Coordination of Management Effectiveness Evaluation of the Egypt's protected areas
 - Training and capacity building activities for the junior staff.

Professional Experience

- April 2015
– June 2016
- Director General, Western Desert Parks of Egypt, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of Environment.**
- Supervise and coordinate the management of western desert parks of Egypt (White Desert, Baharia Oases, Siwa, Gilf El-Kebir, Gebel Kamel Parks)
 - Supervise and coordinate preparation and implementation of management and action plans to develop the parks under supervision on the light of national plans.
 - Direct planning and management supervision of the existed parks
 - Supervise and planning for the future parks in the western desert region
 - Support and encourage proposals and national/international projects to develop the parks and local communities within and around the area.
 - Supervise the implementation of the national/international laws and conventions related to biodiversity conservation and natural resource management.
 - Coordinate with national and local authorities for law enforcement and development of natural resource of the supervised area.
- Supervise updating of information and database for the resources under supervision.
- 2014-date
- National Expert, Member of the Supreme Committee of Environment to supervise the national strategic development projects.**
- July 2013-
April 2015
- Undersecretary, for Protected Areas Sector of Egypt, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of Environment.**
- Preparing and recommending the general policies, plans and actions required for the nature conservation and natural resource management to the GOE.
 - Planning for establishing future parks in Egypt
 - Promoting and ensuring the implementation of strategies and actions to conserve the nature in Egypt and monitoring of their compliance with the national/international laws and conventions to meet the commitments of the GOE.
 - Enhancing the mainstreaming of Biodiversity conservation and natural resource development inside and outside protected areas in all sectors of Egyptian Authorities.
 - Coordinating with national and international agencies to respect and implement the strategies and actions related to nature conservation and natural resource management via protocols and MOUs and other necessary actions.
 - Ensure the Public awareness among the Egyptian society about the nature conservation and protected areas.
 - Coordinate the establishment and update of the Land use map of the Egyptian territory
 - Proposing and implementing the projects that can develop the protected areas and their natural resources and the local communities inside and around the protected area network of Egypt.

2014	<u>International Expert</u> with the Commission of Ecosystem Management (CEM), IUCN to desktop review and evaluate the nomination files for Sanganeb and Dongonab as Natuaral World Heritage Sites for UNESCO.
Mar – June 2014	<u>National expert</u> and member of the National Scientific Committee of the Fifties Meeting of the Arab Ministers responsible for Environment, Hurgada, Egypt.
2014	<u>International Expert</u> with The Arab Regional Center of Heritage to build the capacity of National Focal Points of World Heritage Sites in Arab regions for Management Effectiveness Evaluation and legal framework, Tabea Program/IUCN ROWA and ARC, Bahrain.
Mar – June 2014	<u>National expert</u> and member of the National Scientific Committee of the International Conference on “Investment opportunities in Environmental projects in Egypt” EEAA/Arab League, Hurgada, Egypt (14-17 June 2014).
July 2012- 2015	<u>Director General</u> , Central Parks of Egypt (World Heritage Site), Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of Environment. <ul style="list-style-type: none"> - Supervise and coordinate the management of central parks of Egypt (Wadi El-Hitan world heritage site, Wadi El-Rayan, Qaroun, Wadi Degla, Hassana Dom, petrified Forest, Sannour Cave Parks) - Supervise and coordinate preparation and implementation of management and action plans to develop the parks under supervision on the light of national plans. - Direct planning and management supervision of the existed parks - Supervise and planning for the future parks in the Central region - Support and encourage proposals and national/international projects to develop the parks and local communities within and around the area. - Supervise the implementation of the national/international laws and conventions related to biodiversity conservation and natural resource management. - Coordinate with national and local authorities for law enforcement and development of natural resource of the supervised area. - Supervise updating of information and database for the resources under supervision.
2010 – date	<u>National Focal Point of Egypt</u> for the Global Strategy for Plant Conservation GSPC, Convention On Biological Diversity CBD.
March – July 2012	<u>Director, Plant Biodiversity Department</u> , Biodiversity Directorate General, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.
2009 – 2012	<u>Manager of Wadi El-Rayan Protected Area and Wadi El-Hitan Natural World Heritage Site</u> , Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.
2008- present	<u>Member</u> of the World Commission of Protected Areas (WCPA), the International Union for Conservation of Nature (IUCN); helping governments and others plan protected areas and integrate them into all sectors.
2010- present	<u>Member</u> of Young Professional within the Commission of Ecosystem Management (CEM), IUCN: to provide expert guidance on integrated approaches to the management of natural and modified ecosystems to promote biodiversity conservation and sustainable development.
2007 –	<u>Member</u> of the national team on business planning of protected areas, Nature Conservation

Present	Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.
2006 – Present	<u>Member</u> of the national team on management effectiveness evaluation of protected areas, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.
2006 – Present	<u>Part Time Trainer</u> within the national team for capacity building of Nature Conservation Sector' staff, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.
2005 – Present	<u>Member</u> of the national team on planning and management of the World Natural Heritage Site in Wadi El-Hitan (Valley of the Whales), Wadi El-Rayan Protected area, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.
2009	<u>International Expert</u> preparing the Egypt's baseline report on wetlands and biodiversity. Nile Trans-boundary Environmental Action Project, Nile Basin Initiative.
2007 - 2008	<u>National Expert</u> on business planning of protected areas, Nature Conservation Sector Capacity Building Project, Egyptian Environmental Affairs Agency, and Ministry of State for Environmental Affairs. (UNDP/Italian Cooperation)
2006 - 2008	<u>National Expert</u> on evaluation of protected areas management effectiveness, Nature Conservation Sector Capacity Building Project, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs. (UNDP/Italian Cooperation)
2000 - 2008	<u>Coordinator of management & effectiveness monitoring</u> , Egyptian-Italian Project Support to Wadi El-Rayan Protected area, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs. (Italian Cooperation project)
2005 - 2008	<u>Head of Planning & Management Effectiveness Evaluation unit</u> , Egyptian-Italian Project Support to Wadi El-Rayan Protected area, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs. (UNDP/Italian Cooperation project)
1999 – Present	<u>Environmental Researcher</u> in Wadi El-Rayan Protected Area, Nature Conservation Sector, Egyptian Environmental Affairs Agency and Ministry of State for Environmental Affairs.
1997 - 1999	<u>Part time member</u> at Environmental Impact Assessment and Consultancy Center, Mansoura University, Mansoura Egypt; preparation of classification models of the projects for EIA studies.
1997 - 1999	<u>Teaching</u> the practical course of engineering chemistry (water and wastewater analyses) for undergraduate Engineering students, Faculty of Engineering, Mansoura University, Mansoura, Egypt
1995 - 1999	<u>Biological and Chemical Environmental analyses specialist</u> , Water Technology and Chemical Analysis Unit, Faculty of Engineering, Mansoura University, Mansoura, Egypt
1995	<u>Microbiologist</u> at the Egyptian Ministry of Agriculture (Blue green center), for Production of bio-fertilizers.
1993&1994	<u>Volunteer</u> at Ras Mohamed National Park Sector, South Sinai, Egypt.

Protected Areas and Business Planning

- 2014 – present Technical advisor and member of the "Government/Private Partnership Unit" as a new unit within the Egyptian Ministry of Environment working to prepare, develop, implement and evaluate projects implemented through Ministry of Environment in partnership with the private sector. The unit established to: (1) prepare the socio-economic and environmental studies for projects with the private sector; (2) prepare concept papers and proposals for future sustainable and environmental friendly investment projects; (3) develop, monitor and evaluate the implemented projects between the Ministry of Environment and the private sector.
- 2007 – present Member of the National Team on Business Planning of protected areas, Nature Conservation Sector, Egyptian Environmental Affairs Agency.
- 2007-2008 National Expert on Business Planning of protected areas, Nature Conservation Sector Capacity Building Project (funded by Italian Cooperation): undertake studies focusing on the potential for revenue generation, job creation, internal rates of returns and cost-benefit analysis of investments in protected areas management; participating in the development of business plan for Wadi El-Rayan and Ras Mohamed Protected Areas.
- 2008 National Expert on Business Planning of protected areas, LIFE, USAID Project: undertake studies focusing on the potential for revenue generation, job creation, internal rates of returns and cost-benefit analysis of investments in protected areas management; participating in the development of business plan for Wadi El-Gimal National Park.

Protected Areas and Management Effectiveness Evaluation

- 2008 – present National expert on conducting Management Evaluation of PAs using Tracking Tools (METT) for several protected areas (Wadi Degla PA – St. Katherine PA – Nabq PA – Ras Mohamed National Park – Northern Red Sea Islands PA – Wadi El-Gemal National Park- White Desert National Park).
- 2006 - present Member of the National Team on Management Effectiveness Evaluation of Protected Areas, Planning Unit, Nature Conservation Sector, Egyptian Environmental Affairs Agency.
- 2008 National expert for develop a guideline on management effectiveness evaluation in Egypt.
- 2008 National expert on site level management effectiveness evaluations of Saint Katherine PA in Egypt.
- 2007 National expert on site level management effectiveness evaluations of Ras Mohamed National Park in Egypt.
- 2007 National expert on site level management effectiveness evaluations of Qaroun PA in Egypt.
- 2006 National expert on site level management effectiveness evaluations of Wadi El-Rayan PA in Egypt.
- 2006 National expert on Evaluation of protected areas management effectiveness, Nature Conservation Sector Capacity Building Project (funded by Italian Cooperation): undertook a national level management effectiveness evaluation of Egypt National Parks (RAPPAM).

International Consultancies

- 2018 International Expert with The Arab Regional Center of Heritage to build the capacity of World Heritage Sites Directors in Arab regions for Management Effectiveness Evaluation, Implementation of the Enhancing Our Heritage (EoH) toolkit: Management Effectiveness Assessment (ARCWH, IUCN, ICOMOS). (29th April-4th May, 2018).
- 2017 International Expert with IUCN-UNESCO in reactive monitoring mission for the natural Assessment and review the Petra World Heritage Site and introduce to the monitoring report. (20th Nov-27th Nov 2017).
- 2017 International Expert with K&A consultancies to prepare the Ecological Assessment report for the construction of Al-Dhaid Safari Park, Sharja, UAE. (March, 2017).
- 2014 International Expert with The Arab Regional Center of Heritage to build the capacity of National Focal Points of World Heritage Sites in Arab regions for Management Effectiveness Evaluation and legal framework, Tabea Program/IUCN ROWA and ARC, Bahrain.
- 2014 International expert to prepare a proposal for "Salinization of Shatt Al-Arab Region" problem in Iraq, Government of Iraq and Basra University.
- 2013 International consultant for evaluation of the Socotra World Heritage Site in Yemen, and deliver training and capacity-building to local staff for the operationalization of the management system, with IUCN and the Arab Regional Center of Heritage.
- 2011 International Trainer for the KSA on protected areas planning and management with the Saudi Wild Life Authority the National Commission for wildlife Conservation and Development (NCWCD).
- July 2010-
Mar 2011 Part Time Translation of 18 E-learning modules into Arabic to be used on the website of the Convention of Biological Diversity (CBD), under the umbrella of UNDP/GEF EAG project.
- 2010 National Expert for preparing the Plant life and trees in the biodiversity baseline study of Dahshour, for The environmental component implemented by Egyptian Environmental Affairs Agency within (Mobilization of the Dahshour World Heritage Site for Community Development Project) – UNDP and Spanish Government
- 2009 International consultant for the Nile Basin Initiative, Nile Transboundary Environmental Action Project to prepare the Wetland Biodiversity Baseline study of Egypt.
- 2009 International consultant to prepare the National Progress towards Targets of the Global Strategy for Plant Conservation for the CBD, EEAA/GEF.

Natural Museums & Open Air Exhibitions

Wadi El-Hitan (The Valley of the Whales) World Heritage Site, Open Air Museum

Design and develop the open air museum for exhibiting the fossils content of the World Heritage Site (Ancient Eocene whales, Sea Cows, Turtles, crocodiles,...etc). 15 exhibition sites were prepared, Foot path network, Maintenance paths, monitoring regime).

Jebel Qatrani Open Museum (Proposed Natural World Heritage Site)

Design and Develop the Jebel Qatrani Open Air Museum that exhibiting the Eocene – Oligocene interphase. The museum exhibited more than 300 specimens of the land based/Marine ancient creatures that were living in site more than 39 million years ago. Specimens exhibited on the open ground, ground

closed chambers and inside walls of the museum for attracting the high class visitor. The museums allows the site to receive more than 30,000 visitors in 2017 from 300 visitors in 2005.

Projects (Member – Participation)

2011-2014	<i>Strengthening protected area financing and management systems in Egypt, GEF/UNDP project.</i>
2013-2014	<i>Support to Protected areas of Egypt, Italian Cooperation/UNDP Project</i>
2013-2014	<i>National Biodiversity Planning to Support the implementation of the CBD 2011-2020 Strategic Plan in Egypt (NBSAP Project).</i>
2010	<i>Mobilization of the Dahshour World Heritage Site for Community Development Project) – UNDP and Spanish Government</i>
1999-2008	<i>Egyptian Italian Environmental Cooperation Program, Italian Cooperation, Cairo</i>
1999-2008	<i>Egyptian Italian Project support to Wadi El-Rayan Protected Area, Phases I&II, UNDP/Italian Cooperation/EEAA</i>
2006-2007	<i>Nature Conservation Sector Capacity Building Project, UNDP/Italian Cooperation/EEAA</i>
2009	<i>Nile Basin Initiative, Nile Transboundary Environmental Action Project.</i>
2004	<i>Medicinal Plants Conservation Project in Arid and Semi Arid Regions, UNDP/GEF/EEAA project</i>
1996-1998	<i>Long-Term Program for Pollution Monitoring and Research In The Mediterranean (MED POL Phase II), University of Mansoura/EU project</i>
1995-1997	<i>Assessment of Water Quality from Compact Units for Drinking Purposes in Dakahlia Governorate, Mansoura University/Dakahlia Governorate project</i>

Professional Skills

Team Working

- *Experience of working in groups including planning, role, allocation, co-ordination and commitment.*
- *Able to work in a multicultural, multi-ethnic environment and to maintain effective working relations with people of different national and cultural backgrounds.*
- *Ability to exercise leadership and supervisory skills, coach, mentor and develop staff capacity to encourage good performance.*
- *Coordinate and monitor the work of others, in order to delegate appropriate responsibility, accountability and decision-making.*

Project Management

- *Project management experience for more than 10 years where provide overall management and planning for the implementation of the national project's outcomes, outputs and activities; prepare & provide technical input.*
- *Oversees and contributes to the preparation of documents of projects in particular annual reports, progress reports, work plans and final reports.*
- *Establish and maintain a set of sound policies, procedures, standards and tools which are consistent with donor's policy and practices.*
- *Provide substantive support to meetings and conferences. Conduct training workshops*

and seminars; make presentations on assigned topics.

- Participate in or lead field missions, including provision of guidance to external consultants, government officials and other parties and drafting mission summaries.
- Coordinate activities related to budget and funding and prepare related documents/reports, including work programs, program budgets, etc.). Review, analyze and assist with the preparation of budget performance of projects.

Communication

- Excellent drafting ability and communication skills, both oral and written.
- Effective written, oral and presentation skills, particularly ability to present information in a concise and accurate manner by clearly formulating positions on issues, articulating options concisely conveying the maximum necessary information, making and defending recommendations
- Provide advice and guidance to others, particularly junior staff.

Creativity

- Propose new ideas and activities that would support the overall implementation of the work activities (e.g. create special decompose field toilets and implemented within some protected areas in Egypt).

Teaching and Presentation skills - Guest Lecturer

January 2014	Lecturer on "Economic Valuation on Mangroves in Egypt" during the 3rd Near-East Forestry Week (NEFW) which organized by International Union for Conservation of Nature, Regional Office for West Asia (IUCN-ROWA), in cooperation with The Food and Agriculture Organization (FAO) and the Ministry of Agriculture (MOA), Amman, Jordan.
2013 December	Protected Areas of Egypt, For Leadership officials in Mansoura University, Faculty of Science, Mansoura, Egypt.
June 2012	Protected Areas and Biodiversity, Postgraduate students, Faculty of Science, Ain Shams University.
January 2011	Conservation of biodiversity in Egypt, for officials from the EgyptAir, National Research Centre, Cairo, Egypt
2010	Evaluation of Management Effectiveness in Egypt, Annul meeting for protected areas Managers in Egypt, Sharm El-Sheikh, Egypt
1997-1999	Teaching of Practical course of Chemical Engineering (water analyses lab), Mansoura University, Egypt

Conferences, Workshops, Trainings & Study Tours (Organizer - Coordinator - Attendee)

Nov 2018	UN Biodiversity Conference COP14, Sharm El-Shiekh, Egypt.
2018	IUCN and Arab Regional Center for World Heritage in Bahrain, a series of 3 interactive capacity building program for Directors of World Heritage Sites in Arab Region for Management Effectiveness Evaluation (Bahrain, Jordan, Morocco)

Nov 2014	World Parks Congress 2014, Sydney, Australia	
Sept 2013	Regional Meeting for Natural World Heritage in the Arab States, Arab Regional Center for World Heritage, Bahrain.	
December 2011	Regional Meeting for Natural World Heritage in the Arab States, 6-8 December 2011, Amman, Jordan	
June 2011	35 th COM of the UNESCO World Heritage Committee, as state representative of the Natural Heritage, Paris	1ry member
March – April 2011	Implementing the training course about planning and management of protected areas for gulf countries, Saudi Wildlife Commission, Riyadh, KSA	Trainer
April – May 2010	International Visitor and Leadership Program, Nature Conservation and Biodiversity Monitoring, Department of State, USA,	Participation & consultancy
July 2009	Annul meeting for protected areas Managers in Egypt, Sharm El-Sheikh, Egypt	Lecturer
March-April 2009	International Seminar on the Watershed Management, 19 Mar–11 Apr 2009, the United State Department of Agriculture, Forest Service, USDA-FS, Arizona, USA.	Participation & consultancy
March 2008	Introduction course for Wadi El-Rayan and Qaroun, Egyptian Italian Environmental Program, Fayoum, Egypt	Lecturer
July 2007	Annul meeting for protected areas Managers in Egypt, Sharm El-Sheikh, Egypt	Lecturer
June 2007	Workshop on business planning for protected areas in Egypt, Egyptian Italian Environmental Program	Lecturer
2007	Workshop on management effectiveness evaluation, Nature Conservation sector Capacity Building Project, St. Katherine protected area, St. Katherine, South Sinai, Egypt	Trainer
2007	Workshop on management effectiveness evaluation, Nature Conservation Sector Capacity Building Project, Ras Mohamed National Park, Sharm El-Sheikh, South Sinai, Egypt	Trainer
2006	Workshop on management effectiveness evaluation, Nature Conservation Sector Capacity Building Project, Qaroun protected area, Fayoum, Egypt	Trainer
2006	Workshop on management effectiveness evaluation, Nature Conservation Sector Capacity Building Project, Wadi El-Rayan protected area, Fayoum, Egypt	Trainer
21 – 24 July 2003	Workshop & Study Tour on “Planning and Development of Cultural and Natural Resources and Environmental Impact Assessment”, METAP, Beirut, Lebanon.	Lecturer
9 - 13 June 2003	Training course on “Data Creation/Preparation/Publishing, dealing with processing, manipulation and transformation of scientific data into content for implementation on the Web/Server/E-Network”. Mediterranean Agronomic Institute of Chania, Chania, Crete, Greece.	Trainee
22-27 June 2001	Short training course on “Hydrology and water measurements”, Environmental Research and Climatic Variations Institute, Cairo, Egypt.	Trainee
22 Apr.- 2 May 2001	Short Course on “Tools for Biodiversity Management: Application of Bioinformatics in managing Herbaria & seed banks)”, Mansoura University & International Center for Advanced Mediterranean Agronomic Studies, Mediterranean Agronomic Institute of CHANIA, Greece. Mansoura University, Mansoura, Egypt	Trainee & Organizer

18-30 Sept. 2000	Short Course on "Conservation and sustainable use of plant biodiversity (Facing the challenges of the arid lands of the Mediterranean)", Desert Research Center, Ministry of Agriculture and Land Reclamation & International Center for Advanced Mediterranean Agronomic Studies, Mediterranean Agronomic Institute of CHANIA, Greece. El-Sheikh Zwayyed, Al Arish, Egypt.	Trainee
2000	Training course on "The use skills of GIS software MapInfo", Wadi El-Rayan Protected Area, Fayoum, Egypt.	Trainee
26 Mar. 2000	Workshop on "Biodiversity in Egyptian wetlands", GEF/UNDP, Cairo, Egypt.	Trainee
29-30 Nov 1999	Workshop on "The Egyptian Italian Environmental program of the Italian Cooperation projects in Egypt", Presentation about Wadi El-Rayan Protected Area, Fayoum, Egypt.	Lecturer
2-3 Dec. 1997	Workshop on "Chemical and Biological treatment of wastewater" by a working paper entitled "The use of hydrophytes in wastewater treatment". Mansoura University, Faculty of Engineering, Mansoura, Egypt.	Organizer & working paper
1997	Workshop on "The impacts of small industries In Dakahlia Governorate". Mansoura University, Faculty of Engineering, Mansoura, Egypt.	Organizer
1997	Workshop on "National Strategy for Biodiversity Conservation". Mansoura University, Faculty of Engineering, Mansoura, Egypt.	Organizer
1996	Workshop on "Air Quality in Dakahlia Governorate", Mansoura University, Faculty of Engineering, Mansoura, Egypt.	Organizer

Publications & Reports

- Carole T. Gee & P. Martin Sander & Shanan E. Peters & Mohamed Talaat El-Hennawy & Mohammed Sameh M. Antar & Iyad S. Zalmout & Philip D. Gingerich. Fossil burrow assemblage, not mangrove roots: reinterpretation of the main whale-bearing layer in the late Eocene of Wadi Al-Hitan, Egypt. *Palaeobiodiversity and Palaeoenvironments* (2019) 99:143–158 <https://doi.org/10.1007/s12549-018-0337-0>.
- Aliaa, M. R.; Ashraf, M. Y.; El-Hennawy, M. T.; Hosny, A. M. Vegetation analysis and correlations between soil variables and habitat diversity in Qaroun and Wadi El-Rayan Protected Areas, Western Desert, Egypt. *Egypt. J. Exp. Biol. (Bot.)*, 14(2): 267 – 278 (2018).
- El-Hennawy, M. T. *Ecology and Management of Wetland Ecosystem*. Lambert Academic Publishing, ISBN 978-3-659-85851-2, 2016.
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Languages

Native Language: Arabic

Other Languages:

Language	English
Reading Skills	High
Writing Skills	High
Verbal Skills	High

Computer

- ◊ Windows and its MS Office applications
- ◊ Bio-statistics software (classification and ordination, TWINSpan, DECORANA, SPSS.)
- ◊ Arc GIS software its practical applications

Countries visited

The United States of America; Europe countries (Italy, Greece, France); African and Arab countries (K. S. A., Lebanon, Bahrain, Jordan, South Africa); Australia.

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