



August, 2021

Prof. Dr. Ahmed El-Mahmoudi's CV

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<https://orcid.org/0000-0002-6945-1729>

https://www.researchgate.net/profile/Ahmed_El_Mahmoudi

CURRICULUM VITAE

AHMED EL SAYED EL MAHMOUDI

Professor of Applied Geophysics, Faculty of Science, Mansoura University , Egypt.

Mobile: +20-10-25171889

Office Telephone : +20- 50-224-2388 (ext. 1004)

Home Telephone: +20- 50-2941135

Work Facsimile :+20-50 -2246781

E-mail (1): mahmoudi@mans.edu.eg

E-mail (2):-mahmoudi56@gmail.com



CURRENT POSITION:

Viced Dean of Education & Students affairs, Faculty of Science, Mansoura University , Egypt.

PERSONAL DATA:

Name	Ahmed El-Sayed El-Mahmoudi
Sex	Male
Date of Birth	7 November 1962
Nationality	Egyptian
Marital Status	Married and have three Kids
Present Address	Mansoura University, Faculty of Science, Geology Department Mansoura, 35516, Egypt

UNIVERSITY EDUCATION:

1- **Ph.D. "Geophysics" (1995), University of Wales, Aberystwyth, UK /Mansoura University, Egypt**, according to the Egyptian Joint system (Channel System).

Thesis title "Geophysical Studies on the Eastern Nile Delta, Egypt."

2- **M.Sc. "Geophysics", (1989)**., Mansoura University, Egypt.

Thesis title "Shallow Geophysical Studies on El-Sharkiya Governorate, East Nile Delta, A .R. Egypt."

3- **B. Sc. "Geophysics", (1985)**., Mansoura University, Egypt.

Grade: "Very good with Honours " Egyptian grading system,

Rank: First in his batch.



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EMPLOYMENT HISTORY SINCE UNIVERSITY GRADUATION

Current Position (since, 1st August, 2019).

Viced Dean of Education& Students affairs , Faculty of Science, Mansoura University , Egypt.

November, 2017 till July, 2019

Chair of Geology Departement, Executive manger of Petroleum and Mining Program and Professor of Applied Geophysics, Geology Departement, Mansoura University , Egypt.

Septemper 2006 till July, 2017

Professor of Applied Geophysics, Water Studies Centre, King Fasil University , Saudi Arabia.

Septemper 2000 till Septemper 2006

Associate Professor of Geophysics, Department of Geology, Faculty of Science, United Arab Emarates University, UAE.

August 2000:

Associate Professor of Geophysics, Department of Geology, Faculty of Science, Mansoura University, Egypt.

May 1995 till August 2000

Assistant Professor of of Geophysics, Department of Geology, Faculty of Science, El-Mansoura University, Egypt.

1991-1994:

Research Assistant, Institute of Earth Studies, Department of Geology, **University of Wales, Aberystwyth, UK**. (Resistivity , seismic refraction and seismic reflection data acquisition, processing and interpretation).

1989-1991:-

Assistant Lecturer, Geology Department, Faculty of Science, Mansoura University, Egypt.

1985-1989:-

Demonstrator (TA) and fulltime **M. Sc. Student**, Geology Dept. Faculty of Science, Mansoura University, Egypt.

HONOURS & AWARDS

1. **University Incentive Award** for best Ph.D Thesis, **the award was given by Mansoura Universit, Egypt, June, 1996.**



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2. Award for the best Externaly Funded Research Project in the faculty of Engineering, UAEU, (2003-2004). The project is entitled:- "Assessment and simulation of Groundwater recharge at three selected dams in UAE". **The award was given by the UAE University Research Affairs, April 2004.**

3. **Award of Prof. Zaghloul Prize** for best presentation on the 13th Symposium on Quaternary & Development in Egypt , **Mansoura University, Egypt(28, March, 1998).**

4. **Award of Prof. Zaghloul Prize** for best presentation on the 12th Symposium on Quaternary & Development in Egypt , **Mansoura University, (6, April 1996).**

5. **Ph.D. Fellowship** (to Univiversity of Wales, Aberystwyth, UK) selected by the Egyptian government 1991-1994.

6. **Award of Dakahlia Governorate** for being First of his batch in "B. Sc. in Geophysics": (Very good with honours degree) **.by Dakahlia Governorate, Egypt, 1985.**

7. Cited in "Marquis Who's Who in the World" 2011-2012 & 2013-2014 Editions.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

1. Member of the National Committee for Terrestrial Nature and Earth Measurements at the Academy of Scientific Research and Technology, Egypt
2. Member of Envirnomental and Engineering Geophysical Society (EEGS)
3. Member of European Associations of Geoscientists and Engineers (EAGE)
4. Member of the Geological Society of Africa (AGS)..
5. Member of the Emirates Society of Geosciences (ESG).
6. Member of the Egyptian Geophysical Society.
7. Member of the Egyptian Society of Quaternary Research (ESQUA).
8. Member of the Egyptian Scientific Syndicate.
9. Member of the ICTP Arab Friends Society (SARF)
10. Member of the Arab Hydrogeologists League

SKILLS:

a) Languages

Arabic	Mother Tongue
English	Fluent
French	Fair
German	Fair

b) Computer

-PC and Work Stations. Windows and UNIX systems. MS Word, , Excel, Powerpoint, , Statistical packages. Geosoft, Rockware, Surfer, Grapher, Corel-Draw, and GIS software (Arcview, Arcinfo and Grassland).

-Familiar with many specific Geophysical software for processing , data presentation and visualization.

-Electronic Web courses management pacakges(Web CT, Blackboard, Modell).



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-Websites designer using Frontpage, Dreamwaver and Falsh packages.

PERSONAL

Highly adaptable, geographically flexible, social

TEACHING DUTIES

A) Courses Developed & Taught At UAE University

Courses Title and Code	Faculty	Dep./Track	Year
1-Geophysical Exploration (GEPW 463)	Science	Petro.& Water	4 th
2- Well Logging(PETE 4032)*	Science &Engineering	Geology general, Petro.& Water	4 th
3-Plate Tectonics(GEOL 483)	Science	Geology general, Petro.& Water	3 rd
4- Natural Sciences(II) (NSCI 365)	Education	All Disciplines & Distance Learning (at Marfaa)	3 rd
5-Groundwater Exploration (GEOL 653)	Graduate Studies	Water Resources	M.Sc.
6-Geophysics (GEOL 372)	Sciences	Geology general, Petro.& Water	3 rd
7- Special Topics in Subsurface Hydrology (WATR 623)	Graduate Studies	Water Resources	M.Sc.
8- Physical Geology (Geol 1052)	Sciences &Educations	All Disciplines	1 st to 4 th
9- Earth (100)	From All Faculties	All Disciplines	1 st to 4 th
10-Selected Topics(Geol 495).	Science	Geology general, Petro.& Water	4 th
11-Research Project (Geol 4532)	Science	Geology general	4 th
12- Hydrogeology (Geol 358)	Science	Geology general, Petro.& Water	3 rd
13- Graduate Seminar (WATR 603)	Graduate Studies	Water Resources	M.Sc.
14-Research Thesis (WATR 604)	Graduate Studies	Water Resources	M.Sc.



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N. B. All the above listed courses are published on both of my Home page (<http://faculty.uaeu.ac.ae/~mahmoudi>) and On Blackboard site of UAE University (<http://blackboard.uaeu.ac.ae>)

*I shared in the developing the course of Well Logging (PETE 4032) to be taught by **Lab Top Project** according to the Vice Chancellor decree no(178) dated June19, 2004.

B) Courses Developed & Taught At Mansoura University, Egypt

Courses Title	Faculty	Department/Track	Year
1-Introduction to Geophysics	Science	Geophysics	2 nd
2-Geophysics (Magnetic, Gravity, Electric and Seismic)	Science	Geology	3 rd
3- Introduction to seismology	Science	Geophysics	3 rd
4- Hydrogeology & Surface geophysics techniques.	Education	Biology & Geology	4 th
5- Electric Prospecting	Science	Geophysics	4 th
6- Well logging	Science	Geophysics	4 th
7-Advanced Interpretational Techniques	Science	Geophysics	4 th
8-Graduate Project	Science	Geophysics	4 th
9- Physical Geology	Education	Elementary School	1 st
10- Principle of Hydrogeology	Science	Petroleum Geology & Mining Program	2 nd
11-Subsurface Geophysical Exploration	Science	Petroleum Geology & Mining Program	3 rd
12-Geographical Information System (GIS)	Science	Environmental Track	M.Sc.
13-Advanced Electrical Prospecting	Science	Geophysics	M.Sc.

C) Courses Developed & Taught At King Faisal University, Saudi Arabia

Courses Title and Code	Faculty	Dep./Track	Level
1 Hydraulics of wells and pumps (0154454)	Agricultur & Food Sciences	Environment & Natural Resources/Water Track	8 th
2-Principles of Geology (0154327)	Agricultur & Food Sciences	Environment & Natural Resources/Water Track	5 th
3-Water Resources planning & Management(0154-1621	Agricultur & Food Sciences	Environment & Natural Resources/Water Track	Graduates



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D) My Teaching Philosophy

I believe that the teaching of scientific courses today is a great challenge because scientific knowledge is growing exponentially, yet at the same time becoming more the realm of specialists. My goal in teaching is to get the student to think critically, not just absorb a large collection of miscellaneous facts. Part of my solution to this problem is to teach science as a process, and to encourage the students to start self-learning. I believe that it is my responsibility to present the material of the course in a way that reflects the interests, backgrounds and learning styles of the students in the class. This may require me to change the format of the course, or my course materials regularly. It is also my responsibility to ascertain the interests, backgrounds and learning styles of the students through regular interactions with them. This requires me to have open class discussions at the beginning of the semester. It also requires me to encourage students to come to office hours, especially early in the semester.

I also believe that a safe, open, caring and supportive environment is an essential element in the education of others. I also believe that education and learning to explore the world of science extend far beyond the walls of the school and into the everyday lives.

I feel that teaching is an opportunity to share new and potentially valuable knowledge and experiences with others. Professionally, teaching helps me to become a better scientist. Each class I teach causes me to further expand my set of scientific experiences and knowledge base, which in turn can be shared with students in future classes. For me, teaching becomes a self-perpetuating learning experience.

E) Web-Based Teaching & Video-Conference Classrooms

I have developed electronic versions for all my courses. I have been teaching using a variety of software to produce materials rich with a variety of multimedia illustrations and activities. I have used the online (using Zoom and Microsoft Teams) as a useful tool for communication with students, and other instructional activities. I have been using the Blackboard (an UAEU and King Faisal University electronic course manager and Moodle Interface at Mansoura University) for all of my courses. Courses information, course materials, solved assignments, helpful free software, and other resources are posted on the blackboard. Question pools have been developed and used for online homework assignments, quizzes and exams. In addition to the office hours, communication with students through the internet has been very effective using regular electronic mailing or the Digital Drop Box on the Blackboard. Moreover, I have used the Video-Conference facility in teaching some courses (NSC II) for the girls and boys classes sharing the same time in the schedule at UAEU.

F) Curricula and Courses Developments

In the academic year, 2003-2004, the Science college at UAEU initiated a process to reform all Geology curricula to comply with the ACS guidelines for undergraduate Geology curricula. This was taken as initiation step for the preparation for expected future accreditation of the College



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of Science,UAEU. I participated and shared ideas with other colleagues in the division for reforming Geology courses. Moreover, as a member in the executive committees of Water Resources Master Program and I have shared in the reforming of the new curricula and I put the syllabus contents of a new course entitiled "Hydrogeophysics". I also shared in the development of .a New curricula for Petroleum Geoscience master program at UAEU.

CONFERENCES, SEMINARS WORKSHOPS and TRAINING ATTENDED WITH CONTRIBUTIONS TO THESE SCIENTIFIC MEETINGS (SINCE I AWARDED MY Ph.D IN 1995) [Certificates Of Attendances upon Request].

Title and place	Time
<i>(Symposium)</i> The 11 th . International Symposium on Geophysics-11, Tanta, Egypt.	November, 2020
<i>(Symposium)</i> The 10 th . International Symposium on Geophysics-10, Tanta, Egypt.	November, 2019
(Teaching Staff Mobility) Below Erasmus+ Programme KA107,University of Petisti, Romania	<i>April, 2019</i>
<i>(Conference)</i> ,The Arab Conference on Astronomy and Geophysics 6 th Assembly, 11-14 October, 2021, Cairo, Egypt	<i>October, 2018</i>
<i>(Conference)</i> ,The Egyptian Geophysical Society and the Egyptian Geological Society annual meetings,Cairo, Egypt	March, 2018
<i>(Workshop)</i> Green Technologies and Energy Efficiency (GTEE`2017), <i>King Faisal University, Al Hassa,SA</i>	April 26,2017
<i>(Conference)</i> ,The 32 nd Anual Meeting of the Saudi Biological Society which convened at Umm al- Qura University, Makka, KSA.	18-20, April, 2017
<i>(Conference)</i> The 7 th International Conference on Water Resources and Arid Environments (ICWRAE 7)	Riyadh, Saudi Arabia, 4-6 December 2016
<i>(Workshop)</i> Al Asfar Lake between the present and the future	Al Hassa, Saudi Arabia, 13 April 2016
<i>(Conference)</i> The 30 th annual meeting of the Saudi Biological Society which will held in Tabouk, Saudi Arabia	Tabouk, KSA, 7-9 April, 2015
<i>(Conference)</i> The 28 th Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP 2015) which convened at Austin, Texas, USA.	22-26 March, 2015
<i>(Conference)</i> The 6 th International Conference on Water Resources and Arid Environments (ICWRAE 6)	Riyadh, Saudi Arabia, 8-11 December, 2014
<i>(Conference)</i> The 29 th annual meeting of the Saudi Biological Society which will held in Dammam, Saudi Arabia	February 25- 27, 2014.
<i>(Conference)</i> The 26 th Symposium on the Application of Geophysics to	17-21 March,



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Engineering and Environmental Problems (SAGEEP 2013) which convened at Denver, Colardo, USA	2013
<i>(Conference)</i> The 5 th International Conference on Water Resources and Arid Environments (ICWRAE5)	Riyadh, Saudi Arabia, 6-9 January 2013
<i>(Symposium)</i> The third Symposium for the Research of Water Studies Center, King Faisal University, Al Hassa, KSA	25 th April, 2012
<i>(Training)</i> Community Engagement	Al Hassa, KSA, 10-13 March, 2012
<i>(Training)</i> Effective Use of E-Learning	Al Hassa, KSA, 18-29 February, 2012
<i>(Training)</i> Improving Teaching and Student Learning Through Course Design Activities:A research-Based Seminar Series	Al Hassa, KSA, 7-11 January, 2012
<i>(Forum)</i> The 3 rd Forum of Cooperative at KSA	Madina, Menawara, KSA, 22-24 November, 2011
<i>(Conference)</i> Arabian Conference of Geosciences	Riyadh, Saudi Arabia, 26-28 April 2011
<i>(Workshop)</i> Applications of Applied Geophysics and GIS Techniques in Agriculture and precision Farming. Madina Menawara, KSA .	Madina Menawara, Saudi Arabia, 4-6 January 2011
<i>(Conference)</i> The 4 th International Conference on Water Resources and Arid Environments (ICWRAE 4)	Riyadh, Saudi Arabia, 5-8 December 2010
<i>(Conference)</i> The International Conference on Hot Arid Regions, (IECHAR 2010).	Al Ahsa, KSA, May 1-2, 2010.
<i>(Conference)</i> The International Conference on Water Conservation in Arid Regions	Jeddah, KSA, 12-14 October, 2009
<i>(Conference)</i> The 22 nd Annual Symposium on the Applications of Geophysics to Engineering and Environmental Problems (SAGEEP), Fort Worth, Texas ,USA, 29 March –2 April 2009,	Fort Worth, Texas ,USA, 29 March –2 April
<i>(Symposium)</i> The Second Symposium for the Research of Water Studies Center, King Faisal University, Al Hassa, KSA	22 nd March, 2009
<i>(Conference)</i> The 3 rd International Conference on Water Resources and Arid Environments (2008) and the 1st Arab Water Forum, Riyadh, Saudi Arabia16-19 November 2008 .	November 2008.
<i>(Symposium)</i> The First Symposium for the Research of Water Studies Center, King Faisal University, Al Hassa, KSA	5 th May, 2008
<i>(Conference)</i> The Eighth Gulf Water Conference "Water in the GCC,	3-6 March, 2008



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Towards an Integrated Water Resources Management", Manama, Kingdom of Bahrain.	
<i>(Conference)</i> The Seventh Annual U.A.E. University Research Conference (AI Ain, UAE)	April, 2006
<i>(Conference)</i> The 2nd International Conference on Water Resources and Arid Environment, Riyadh, KSA.	26-29 November 2006
<i>(Conference)</i> The 19 th Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP 2006) which convened at Seattle, Washington, USA	April, 2006
<i>(Conference)</i> The 6 th International Conference on the Geology of the Middle East , March 20-23, 2006, (AI Ain, UAE).	March, 2006
<i>(Conference)</i> EWR-2006 The Third Joint UAE-Japan (Abu Dhabi, UAE).	Jan 30 th -Feb, 1 st , 2006
<i>(Conference)</i> Near Surface 2005" 11th European Meeting of Environmental and Engineering Geophysics, (Palermo, Italy)	September, 2005
<i>(Conference)</i> The Six Annual U.A.E. University Research Conference (AI Ain, UAE)	April, 2005
<i>(Conference)</i> The Fifth Annual U.A.E. University Research Conference (AI Ain, UAE)	April, 2004
<i>(Conference)</i> The 17 th Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP 2004) which convened at Colorado Springs, CO, USA	February, 2004
<i>(Workshop)</i> Distance Learning Workshop sponsored by the University of Maryland and UAE University completed at AI Ain, UAE .	October, 2003
<i>(Conference)</i> The 19 th Colloquium of African Geology which hold at El Jadida, Moraco .	March, 2002
<i>(Conference)</i> International Conference on Integrated Management of Marine Environment in the Arabian Gulf. Organized by UAE University, AI Ain, UAE .	October 2001
<i>(Workshop)</i> Awareness and Preparedness for Emergencies at Local Level, Abu Dhabi, UAE .	May 2001
<i>(Conference)</i> Fifth International Conference on the Geology of the Arab World (GAW-5), Cairo Egypt .	February, 2000
<i>(Conference)</i> First International Conference on the Geology of Africa, Assiut, Egypt .	November, 1999
<i>(Conference)</i> SEG Development & Production Forum, Kananaskis, Canada	July, 1999
<i>(Conference)</i> First International Symposium On the Deltas , Cairo Egypt .	March, 1999
<i>(Training)</i> Soil Physics ICTP, Trieste, Italy .	April, 1998
<i>(Conference)</i> 1 st . International Symposium on Geophysics-1, Tanta, Egypt .	September, 1998
<i>(Conference)</i> The 13 th Symposium on Quaternary & Development in Egypt , Mansoura University, Egypt	March, 1998
<i>(Conference)</i> Cairo 98 Africa/Middle East Second International Geophysical	February, 1998



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Conference & Exposition, Cairo, Egypt.	
<i>(Workshop)</i> Integrated Environmental Information Systems, Cairo Egypt.	January 1997
<i>(Conference)</i> 1 st . International Conference Role of Engineering Towards Better Environment(RETEBS 96), Alexandria Egypt.	December, 1996
<i>(Conference)</i> The 12 th Symposium on Quaternary & Development in Egypt , Mansoura University, Egypt.	April 1996
<i>(Training)</i> Environmental Impact Assessment, Alexandria, Egypt.	September, 1996
<i>(Conference)</i> SEG Development & Production Forum, Vail, Colorado, USA.	July, 1996
<i>(Seminar)</i> International Seminar on Geographic Information Systems, City Sustainability and Environment" Cairo Egypt.	December, 1995
The Egyptian Geophysical Society and the Egyptian Geological Society annual meetings, Cairo, Egypt	

Workshops attended at Mansoura University Development Center, Mansoura, Egypt.

No.	Workshop Title	Date	
		From	To
1	Teaching Evaluation	16/07/2007	18/07/2007
2	Financial Aspects of Universities	22/07/2007	25/07/2007
3	Effective Management of Meetings	22/07/2007	25/07/2007
4	Quality assurance and accreditation	05/08/2007	07/08/2007
5	The economics of marketing and financing of scientific research	12/08/2007	14/08/2007
6	Designing curriculum	12/08/2007	14/08/2007

Training Programs attended and offered by Development Deanship, King Faisal University, KSA. [Certificates Of Attendances upon Request].

No.	Workshop Title	Date	
		From	To
1	Improving Teaching and Student Learning Through Course Design Activities: A Research-Based Seminar Series.	07/01/2012	11/01/2012
2	Effective Use of E-Learning	18/02/2012	29/02/2012
3	Community Engagement	17/03/2012	22/03/2012
4	Information literacy	26/11/2012	27/11/2012
5	Procedures and self-study report for institutional accreditation	25/12/2012	26/12/2012
6	Research Ethics	01/01/2013	01/01/2013
7	Using Ms-Publisher	16/02/2013	17/02/2013
8	Information Security Policy	25/02/2013	25/02/2013
9	Communication Skills	15/04/2013	16/04/2013
10	Skills Of Scientific Publications	04/05/2013	05/05/2013



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11	International Criteria for Community Engagement	22/10/2013	23/10/2013
12	Reviewing The Scientific Articles Presented for Publication	30/12/2013	31/12/2013
13	Designing Courses that Motivate and Engage Students for Deep Learning	18/02/2014	19/02/2014
14	Auditing and documenting research using the iThenticate program	10/03/2014	10/03/2014
15	MS Project	16/03/2014	17/03/2014
16	Creating Thinking	06/04/2014	07/04/2014
17	Assessment of Deanship of Academic Development Activities	28/05/2014	28/05/2014
18	Scientific Publication Skills and Accessing Journals	30/12/2014	31/12/2014
19	Effective Teaching Strategies	09/11/2014	10/11/2014
20	Designing Electronic Exams by Using Wondershare QuizCreator Software	10/02/2015	11/02/2015
21	Dealing with Research Failure and Turning it into Success	10/03/2015	11/03/2015
22	Social Networks In Education I offered this Training Program as a Trainer	19/04/2015	20/04/2015
23	Supervising Theses for Postgraduate Studies	28/04/2015	29/04/2015
24	Assessment of Students Learning and Performance	10/05/2015	11/05/2015
25	Principles of Photoshop	11/10/2015	12/10/2015
26	Preparation Of Academic Reports Using Ncaaa Course Reports	20/10/2015	21/10/2015
27	ProQuest database	21/10/2015	21/10/2015
28	Quantative Research (SPSS)	01/11/2015	02/11/2015
29	The preparation of the operational plan of the University and its units	17/12/2015	17/12/2015
30	Using Electronic Sources on the Internet	01/03/2016	02/03/2016
31	Reference Management using Refworks	06/03/2016	07/03/2016
32	Using Scientific Networks for Rising KFU Rank I offered this Training Program as a Trainer	27/03/2016	28/03/2016
33	Competative Research Proposals	26/04/2016	27/04/2016
34	How to use the source of information at KFU (SDL)	04/10/2016	04/10/2016
35	TOT at Professional level	05/10/2016	06/10/2016
36	Statistical analysis of questionnaire (SDL)	09/10/2016	09/10/2016
37	Web of Science an EndNote Training Workshop	11/10/2016	11/10/2016
38	The preparation of the strategic plan of the KFU Vice Presidency of graduate studies and scientific research.	13/10/2016	13/10/2016
39	AIP Basic and advanced search techniques gate (SDL)	19/10/2016	19/10/2016
40	Methods and techniques of scientific research (SDL)	25/10/2016	25/10/2016
41	Journey in Oxford periodical online (SDL)	31/10/2016	31/10/2016
41	Research Strategies	01/11/2016	02/11/2016
42	Blackboard: Tools & Applications	06/11/2016	07/11/2016



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43	IGI-Global (SDL)	07/11/2016	07/11/2016
44	Passport as your innovative pedagogical database (SDL)	26/12/2016	26/12/2016
45	Basics of Academic writing in refereed journals	23/04/2017	24/04/2017
46	Question Mark Perception	30/04/2017	01/05/2017

CONFERENCES, SEMINARS WORKSHOPS and TRAINING ATTENDED ONLY

Title and place	Time
<i>(Forum)</i> The 10 th Forum of Saudi Water and Power, Riyadh, KSA.	12-14 Jan., 2015
<i>(Forum)</i> The 9 th Forum of Saudi Water and Power, Jedda, KSA.	1-3 December, 2013
<i>(Conference)</i> The 2 nd International Conference on Water Resources and Arid Environment, Riyadh, KSA.	26 -29 November 2006.
<i>(Conference)</i> SPWLA 2005, Topical Conference Abu Dhabi-UAE,	31-Jan.-2 Feb.- 2005.
<i>(Conference)</i> The 2 nd Gulf Seismic Forum 2005, AL Ain, UAE,	February 20-23, 2005.
<i>(Conference)</i> The 11th ADIPEC - Abu Dhabi Int'l Petroleum Exhibition Conference. Abu Dhabi-UAE	October 10-13, 2004.
<i>(Conference)</i> Environment 2001 Exhibition& Conference, Abu Dhabi, UAE	February, 2001.
<i>(Conference)</i> The 1 st International Symposium on the Deltas, Cairo Egypt,	March, 1999.
<i>(Conference)</i> The National Conference on the Natural Resources of the Nile Delta, Environmental Problems and Development, Mansoura University, Mansoura, Egypt.	18-19 November 1995.

RESEARCH ACTIVITIES

A) Research Grants

1) Co-Principal Investigator for externally funded project entitled "Assessment of groundwater recharge function of Al-Bih, Al-Tawiyean & Ham Dams using numerical models". (723,000 Dh), (2003-2005).

Funding Organization:- Ministry of Agriculture and Fisheries (**MAF**), **UAE.**



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2) Co-Principal Investigator for interdisciplinary funded a project entitled "Modeling of Groundwater in Two selected Aquifers of UAE and Oman as a Precursor for Water Resources Management", SQU/UAEU #01-7-60/02). (572,000 Dh), (2003-2006).

Funding Organization:- UAE University Research Council and Sultan Qabous University

3) Principle Investigator of a consultancy service entitled "An Electrical Sounding Service" Schlumberger"

(21,600 Dhs), (July, 2004).

Funding Organization:-Schlumberger-Water Services, Abu Dhabi, UAE

4) Principle Investigator of Individual Research Project entitled ""Two Dimensional Electrical Imaging Of Quaternary Aquifer At Wadi Muraykhat And Wadi Sa'a, Al Ain Area, UAE", (#02-05-2-11/05). (18,130 Dhs, (2005-2006).

Funding Organization :-Research Affairs, UAE University.

5) Principle Investigator of Individual Research Project entitled "Goelectrical And Hydrochemical Investigations Of Quaternary Aquifer At Al Dhaid Plain United Arab Emirates". (21,300 Dhs), (2006-2007).

Funding Organization :-Research Affairs, UAE University.

6) Co-Principal Investigator for a project entitled "Shallow geophysical studies in Tell El Farain (Buto) area; Nile Delta, Egypt". This project was in collaboration between Dept. of Geology, Mansoura University and Dept. of Geology, Philipps University, Marburg, Germany, F.R.G., 1988.

Funding Organization :- Philipps University, Marburg, Germany.

7) Principle Investigator of a Research Project entitled "Multi-disciplinary Evaluation of the Environmental and Economic Potentiality of The Inland Sabkha, Al Hassa area" (Project No.8095),(150,000 SR), (2007-2008).

Funding Organization :- Deanship of Scientific Research, King Faisal University, KSA.

8) Principal Investigator for a project entitled "Goelectrical Imaging of the hardpan layer and soilwater level at the Agricultural and Veterinary Training and Research Station of KFU, Al Hassa area" (Project No.90107),(100,000 SR), (2008-2009).

Funding Organization :- Deanship of Scientific Research, King Faisal University, KSA.

9) Co-Principal Investigator for a project entitled "Spatial Decision Support System for Monitoring and Evaluation of Drinking Water Quality in Al-Hassa". (Project No.90108),(100,000 SR), (2008-2009).

Funding Organization :- Deanship of Scientific Research, King Faisal University, KSA.

10) Co-Principal Investigator for a project entitled "Study sterilizing of treated sewage and drinking water at Al Hassa using gamma ray of Cobalt-60". (Project No.90109),(100,000 SR), (2008-2009).

Funding Organization :- Deanship of Scientific Research, King Faisal University, KSA.

11) Principal Investigator for a project entitled "Study possibility of using of drainage water of evaporation lakes at Al Hassa through desalination". (Project No. #), (2,000,000 SR), (2008-2009).



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Funding Organization :-King Faisal University, KSA.

12) Co-Principal Investigator for a project entitled "Integrated assessment of the effectiveness of main constructed dams at KSA. (Project No. #), (1000,000 SR), (2009-2011)

Funding Organization :- King Abdulaziz City for Science & Technology (**KACST**), KSA.

13) Principal Investigator for a project entitled "Study of salt water Intrusion and its impact on Aquifers at Al Hassa Oasis". (Project No.10141), (20000 SR), (2009-20011).

Funding Organization :-King Faisal University, KSA.

14) Principal Investigator for a project entitled "Using of Electrical Resistivity Tomography Exploration for Imaging of Karst areas and assessment of their environmental impacts on groundwater at Al Hassa Area, Eastern Saudi Arabia.". (Project No. 120117), (200000 SR), (2011-20013).

Funding Organization :-King Faisal University, KSA.

15) Principal Investigator for a project entitled " Modern Techniques for studding the irrigation water quality & soil salinity of the Agricultural and Veterinary Training and Research Station of KFU, Al Hassa area.". (Project No. 130005), (100000 SR), (2012-20013).

Funding Organization :-King Faisal University, KSA.

16) Principal Investigator for a project entitled " Geophysical, Hydro-chemical and Environmental Studies for Al Asfar Lake, Al Hassa area". (Project No. 130278), (150000 SR), (2012-20013).

Funding Organization :-King Faisal University, KSA.

17) Co-Principal Investigator for a project entitled "Implementing of new techniques to study the soil salinity under different irrigation methods on farms of Al-Hassa Oasis". (Project No. 130075), (200000 SR), (2012-20014).

18) Principal Investigator for a project entitled " Agricultural Geophysics implications at Al Hassa

Oasis" (Project No. 15220), (200000 SR), (2015-20017).

Funding Organization :-King Faisal University, KSA.

19) Co-Principal Investigator for a project entitled " Assess the validity of different types of irrigation water for agricultural purposes" (Project No. 15222), (100000 SR), (2015-20016).

Funding Organization :-King Faisal University, KSA.

20)) Principal Investigator for a stratgic project entitled " Evaluation of Al Hassa oasis Agricultural resources using modern techniques of various disciplines for the oasis sustainability". (Project No. 15-AGR4818-06), (2,0000000 SR), (2015-20017).

Funding Organization :- King Abdulaziz City for Science and Technology (**KACST**) , KSA.

21) Member in International Research Project proposal entitled "Regions of Knowledge for Sustainability through research and innovation collaboration on ResourceS



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efficiency" (**RoK STARS**) submitted to be funded by European Commission according to **Seventh Framework Programme (FP7)**.

22) Principal Investigator for project entitled "Integrative approach of non-invasive geophysical and remote sensing techniques for site characterization at New Damietta: a case study" . (Project No. STDFRS 34836), (185,400 Egyptian Pound), (2019-2020).

Funding Organization :- Science & Technology Development Fund (STDF) ,Egypt.

B)Thesis Supervisions

a) M. Sc. THESES	
1	Thesis Title: "Shallow geophysical studies for Archaeological and hydrogeological investigation at El-Simbillawein district, Eastern Nile Delta, Egypt" By Candidate: Ayman Ismail Taha, Assistant Researcher, National Research Institute of Astronomy and Geophysics, Helwan, Egypt. Awarded in 1998.
2	Thesis Title: "Geophysical studies for the environs of the archaeological site of Abydos area, Sohag Governorate, Upper Egypt" By Candidate: Mohammed El-Mitwaley, Assistant Researcher, National Research Institute of Astronomy and Geophysics, Helwan, Egypt. Awarded in 1998.
3	Thesis Title: "Geological and geophysical studies on late Quaternary sediments in Dakahliya-North Sharqiya Governorates, Nile Delta Egypt" By Candidate: Ayman Abu Halwa Farid, M. Sc. Fellowship, Geology Dept., Faculty of Science, Mansoura Univ. Awarded in 1999.
4	Thesis Title: "Geoenvirnomentl studies through geophysical investigations at Dakhaliya Governorate, Nile Delta Egypt" By Candidate: Gehad Mohammed Reda, Geology Dept., Faculty of Science, Damietta, Mansoura Univ.,Egypt . Awarded in 2001
5	Thesis Title: "Hydrogeological and Geophysical Studies on Al Jaww Plain, Al Ain Area, U.A.E" By Candidate: Hind Saif Ali Al-Nuaimi, Geology Dept., Faculty of Science, UAE, Univ.,Egypt . Awarded in 2003.
6	Thesis Title: "Geophysical and Hydrogeological studies of Al Foa area, north of Al Ain, UAE" By Candidate: Sameh Yehya, Water Resources Master Program, UAE University Awarded in June, 2007
7	Thesis Title: " Geoelectrical, hydrochemical and isotope investigations of Mubazzarah area, Al Ain, United Arab Emirates" By Candidate: Faris Mahgoub, Water Resources Master Program, UAE University Awarded in January, 2008
8	Thesis Title: "Geoelectrical and Hydrogeochemical studies in Um Ghafa area, East of Al Ain, United Arab Emirates" By Candidate: Saeed Rashed Al Rashedi, Water Resources Master Program, UAE University, Awarded in October, 2008



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9	<p>Thesis Title:"Integration of geophysical and geotechnical approaches for site assessment of the new Damietta city"</p> <p>By Candidate: Ahmed Mohammed Talat Elshennawey, Demenostrator, Geology Dept., Faculty of Science, Mansoura Univ., Egypt. <u>Awarded in October, 2020</u></p>
10	<p>Thesis Title:"Hydrogeological and Hydrochemical Studies on the area between El-Khatatba and El-Sadat, West Nile Delta, Egypt"</p> <p>By Candidate: Islam Rashad Abd El Razek Mohamed, Demenostrator, Geology Dept., Faculty of Science, Damietta Univ., Egypt. <u>Awarded in June, 2021</u></p>
11	<p>Thesis Title:"Hydrogeophysical Investigation at campus of King Faisal University, Saudi Arabia"</p> <p>By Candidate: Salah Habib Al Ebeed, Water Resources Master Program, KFU University, <u>Ongoing</u></p>
12	<p>Thesis Title:"Implementation of the 3D Laser Scanner and GPR to Construct a Virtual Reality Model for a selected Egypt Culture Heritages (Case Study)"</p> <p>By Candidate: Asmaa Abdullatif Fahmi Mohamed El Mahdi, Assistant Researcher at National Institute of Astrnomy and Geophysics, Helwan Egypt. <u>Ongoing</u></p>
13	<p>Thesis Title:"Hydrogeological Evaluation of Wadi Feiran, South Sinai, Egypt Using Remote Sensing and Geophysical Data"</p> <p>By Candidate: Zainab Mohamed Kamel Hamed Sheta, Graduate Student, Geology Dept., Faculty of Science, Mansoura Univ., Egypt. <u>Ongoing</u></p>
14	<p>Thesis Title:"Reservoir Characterization and Formation Evaluation of Some Cretaceous Reservoirs in Salam Oil Field, Shushan Basin, North Western Desert, Egypt"</p> <p>By Candidate: Aya Yasser Gaafar shalaby, Graduate Student, Geology Dept., Faculty of Science, Mansoura Univ., Egypt. <u>Ongoing</u></p>
15	<p>Thesis Title:"Investigation of Airborne Magnetic and Radiometric Data for Mineral Exploration and Environmental Mapping of Wadi Hamama, Central Eastern Desert, Egypt"</p> <p>By Candidate: Ghada Mohammed Abdelhamid Ellithy, Graduate Student, Geology Dept., Faculty of Science, Mansoura Univ., Egypt. <u>Ongoing</u></p>
16	<p>Thesis Title:"Hydrogeological and Geophysical studies on Al Qassim area, Kingdom of Saudi Arabia"</p> <p>By Candidate: Ragab Atia Mohamed Elsherbiny, Graduate Student, Geology Dept., Faculty of Science, Mansoura Univ., Egypt. <u>Ongoing</u></p>
17	<p>Thesis Title:"Oil potentiality by using Gravity and Magnetic data at the Northwestern part of Sinai, Egypt"</p> <p>By Candidate: Yasmin Mohamed El Beltagy, Graduate Student, Geology Dept., Faculty of Science, Mansoura Univ., Egypt. <u>Ongoing</u></p>
18	<p>Thesis Title:"Seismic characterization and petrophysical evaluation of the Middle Eocene Sheghega Formation, Sirt Basin, Libya"</p> <p>By Candidate: Raef Abd El Mola Fadel, Graduate Student, Geology Dept., Faculty of Science, Mansoura Univ., Egypt. <u>Ongoing</u></p>
19	<p>Thesis Title:"Assessment and modification of selected inversion-algorithms for vertical electrical soundings"</p>



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	By Candidate: Omnia Raafat Maawad, Demonstrator, Geology Dept., Faculty of Science, Mansoura Univ., Egypt. Ongoing
b) Ph. D. THESES	
1	Thesis Title: "Geophysical Studies at Economical and Industrial parts of Western of Suez Gulf, Egypt" By Candidate: Osama Ahmed El-Morsi, Assistant Researcher, National Research Institute of Groundwater, El-Qanatra, Cairo, Egypt. Awarded in 2001.
2	Thesis Title: "Geomorphological and hydrological studies and their environmental impact on sustainable development of the southern part, east of the Nile Delta region, Egypt" By Candidate: Islam Moustafa Moustafa Mohammed El-Hadad, Ph.D. Fellowship, Geology Dept., Faculty of Science, Mansoura Univ., Awarded in 2002.
3	Thesis Title: "Archaeogeophysical and Geoenvironmental Study on Tell El- Balamun and its surroundings, Dakahlia Governorate, Egypt" By Candidate: Mahmoud Ibrahim Mahmoud Abdel Aziz, Assistant Lecture, Geology Dept., Faculty of Science, Mansoura Univ., Egypt. Ongoing
4	Thesis Title: "Joint analysis of satellite gravity gradients and seismic tomography for geothermal application in Egypt" By Candidate: Moataz, Sayed Ahmed Ali Assistant Researcher, National Research of Astronomy and Geophysics, Helowan, Egypt. Ongoing
5	Thesis Title: "Evaluation of Recent Crustal Deformation of Aswan Region Using Modern Geodetic, InSAR and Seismicity Data" By Candidate: Hanan Helmi Mohamed Genidi Assistant Researcher, National Research of Astronomy and Geophysics, Helowan, Egypt. Ongoing



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C) List Of Publications

A) Published Papers:-

1. Yasser, A., Leila, M., El Bastawesy, M. and **El Mahmoudi, A., (2021)**. Reservoir heterogeneity analysis and flow unit characteristics of the Upper Cretaceous Bahariya Formation in Salam Field, north Western Desert, Egypt. *Arabian Journal of Geosciences*, 14 (16), pp.1-26.
2. Attwa, M., **El Mahmoudi, A.**, Elshennawey, A., Günther, T., Altahrany, A. and Mohamed, L., **(2021)**. Soil Characterization Using Joint Interpretation of Remote Sensing, Resistivity and Induced Polarization Data along the Coast of the Nile Delta. *Natural Resources Research*, pp.1-22.
3. Attwa, M., **El Mahmoudi, A.**, Altahrany, A. and Elshennawey, A., **(2020)**. Coastal soil characterization using remote sensing, geoelectrical and borehole data: Insights from Nile Delta coast, Egypt. In NSG2020 26th European Meeting of Environmental and Engineering Geophysics (Vol. 2020, No. 1, pp. 1-4). European Association of Geoscientists & Engineers.
4. Elshennawey, A., **A. El Mahmoudi**, M. Attwa, A. Altahrany **(2020)**. Integration of geophysical and geotechnical approaches for site assessment of new Damietta city. The Eleventh International Symposium on Geophysics Tanta Egypt, ISG-11 (24th - 25th Nov, 2020). (Abstract).
5. Yasser, A., Leila, M., El Bastawesy, M. and **El Mahmoudi, A., (2020)**. Petrophysical evaluation of lower Cenomanian Bahariya reservoir, Salam oil field, Shushan basin, north Western Desert, Egypt. *Journal of Environmental Sciences. Mansoura University*, 49(4), pp.99-105.
6. El Shennawey, A., **El Mahmoudi, A.** and Altahrany, A., **(2020)**. Geotechnical studies using remote sensing and Cone penetration test at New Damietta: a case study. *Journal of Environmental Sciences. Mansoura University*, 49(3), pp.64-71.
7. Elshennawey, A., **A. El Mahmoudi**, M. Attwa, A. **(2020)**. Altahrany An integrated approach of remote sensing, resistivity and induced polarization data for coastal soils characterization: a case study on the Nile Delta coast. The 9th, Scientific Symposium for Young Researchers (MU) on 3rd March, 2020 (Postar).
8. **El-Mahmoudi A. S.** and Hussein A. H. **(2017)**. Hydrochemical Studies of Groundwater at Al Hassa Oasis, Eastern Region, Saudi Arabia. *International Journal of Water Resources and Arid Environments*, vol. 6(1), 20-32.
9. Hussein A. H., **El-Mahmoudi A. S.** and A Y. A. Al-Molhem **(2016)**. Assessment of the validity of different types of irrigation water for agricultural purposes at Al Hassa Oasis, KSA. *Eco. Env. & Cons.* 22 (4); pp. (1621-1627).



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10. **El-Mahmoudi A. S.** ; Hussein A. H. and Y. A. Al-Molhem (2016). Modern Techniques for Mapping Soil Salinity and the Hard Pan Layer at the Agricultural and Research Station of KFU, Al Hassa, KSA. *International Journal of Water Resources and Arid Environments*, vol. 5(1), 63-71.
11. Hussein A. H., **El-Mahmoudi A. S.** and A. A. Al Naeem (2016). Assessment of the Heavy Metals in Al Asfar Lake, Al-Hassa, Saudi Arabia. *Water Environment Research, Volume (88), (2) ; pp. (142-151)*.
12. **El-Mahmoudi A. S.**, Hussein A. H. and Y. A. Al-Molhem (2015). Mapping of soil salinity using electromagnetic Inductive Method at the Agricultural Research Station of KFU, Al Hassa, KSA. *Eco. Env. & Cons. 21 (1); pp. (85-95)*.
13. Sabbagh, S., **El-Mahmoudi, A. S.** and Al-Dakheel, Y.Y. (2014). Waste Water Sterilization by Cobalt Co – 60 for the Agricultural Irrigation: A Case Study. *International Journal of Water Resources and Arid Environments*, vol. 3(1), 11-18.
14. **El-Mahmoudi, A. S.**, Hussein, A.H, Al-Dakheel, Y.Y. and Massoud, M.A. (2014). Integration of Remote Sensing, Sedimentological, Chemical Investigations and GIS to evaluate the environment of Al Uyoun Evaporation Lake, Al Hassa, KSA. *International Journal of Water Resources and Arid Environments*, vol. 3(2), 84-95.
15. **El-Mahmoudi A. S.**, Y. A. Al-Molhem & Hussein A. H. (2014). Agricultural Geophysical implications at the Agricultural and Research Station of KFU, Al Hassa, KSA. ***Proceedings of the 27th Annual Symposium on the Applications of Geophysics to Engineering and Environmental Problems (SAGEEP), Boston, MA, USA , 17-21, March 2013, (Extended Abstract), 4 p.***
16. A.M. Gabr, **El-Mahmoudi A. S.** and H. A. Baker (2013). Studying the Quaternary Aquifer at Al Jaww Plain by ERT Method Al-Ain, United Arab Emirates (UAE). ***Proceedings of the The International Conference on Environmental Science and Technology (CEST2013), Athens, Greece, 5-7, September, 2013 , (Extended Abstract), 8p, Ref no: cest13_0106.***
8. **El-Mahmoudi A. S.**, Al-Dakheel, Y.Y, Hussein A. H, Massoud, M.A., (2013). Geoelectrical Imaging of the hardpan layer at the Agricultural and Veterinary Training and Research Station of KFU, Al Hassa Area. ***Proceedings of the 26th Annual Symposium on the Applications of Geophysics to Engineering and Environmental Problems (SAGEEP), Denver, Colorado , USA, 17-21, March 2013, (Extended Abstract), 4 p.***
9. **El-Mahmoudi A. S.**, Al-Barrak, Kh.M., Massoud, M.A., ., (2011). 2-D Electrical Tomography for Mapping of Aquifers at the New Campus of King Faisal University, Al Hassa, KSA. *International Journal of Water Resources and Arid Environments*, vol. 1(6), 397-410.
10. Massoud, M.A, Al-Dakheel, Y.Y. Hussein, A. H and **El-Mahmoudi A. S.**, (2011). Spatial Decision Support System for Drinking Water Quality Monitoring and Evaluation in Al-Hassa. *International Journal of Water Resources and Arid Environments*, vol. 1(6), 457-468.



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11. **El-Mahmoudi A. S.,(2010).** Mapping of Aquifer Contamination Using Geoelectric Resistivity: Case Studies. **Proceedings of the International Conference on Hot Arid Regions,(IECHAR 2010), Al-Ahsa, KSA, May 1-2, 2010, pp. 197-205.**
12. Suleiman, S. Y., Murad, A. A., **El-Mahmoudi A. S. (2010).** Evaluation of agriculture activities on groundwater of Al-Foah area, north of Al-Ain, United Arab Emirates. **Advances in Geosciences, Part Volume 17 , pp. 65-77.**
13. **El-Mahmoudi A. S.,** Massoud, M.A, Al-Dakheel, Y.Y.and Hussein, A. H, **(2009).** Studies of Al Asfar & Al Uyoun evaporation lakes Water quality and the potential of its reuse in agriculture activities, Al Hassa area, KSA. **Proceedings of the International Conference on Water Conservation in Arid Regions, Jaddah, 12-14 October, 2009, Theme One : Water Resources in Arid Regions, 17p.**
14. Al Rashdei, S., Murad, A. A., and **El-Mahmoudi A. S., (2009).** Status of Quaternary aquifer sustainability at Umm Ghafa area, eastern part of Al-Ain area, UAE. **Proceedings of the 8th IAHS Scientific Assembly / 37th IAH Congress- A Joint-International Convention, Hyderabad, India , 6th to 12th September (2009). IAHS Publ. 329, 2009, pp. 184-192.**
15. **El Mahmoudi A.S.,** A. M. K. Bassal, M. M. El Gamili and G. M.R. Mansour, **(2009).** Geoenvironmental Shallow Geophysical Investigations on the Central Part of Dakahlyia Governorate, Eastern Nile Delta, Egypt. **Proceedings of the 22nd Annual Symposium on the Applications of Geophysics to Engineering and Environmental Problems (SAGEEP), Fort Worth, Texas ,USA, 29 March –2 April 2009, 222-241.**
16. Al-Dakheel, Y.Y., Hussein, A. H, **El-Mahmoudi A. S. and** Massoud, M.A, **(2009).** Soil, water chemistry and sedimentological studies of al Asfar Evaporation Lake and its inland sabkha, Al Hassa area, Saudi Arabia. **Asian J. Earth Sci., 2 (1):1-21, DOI: 10.3923/ajes.2009.1.21.**
17. **El-Mahmoudi A. S. and** A. Gabr **(2009).** Geophysical Surveys to Investigate the Relation Between the Quaternary Nile Channels and the Messinian Nile Canyon at East Nile Delta, Egypt. **Arab J. Geosci., Vol.(2):53–67, DOI 10.1007/s12517-008-0018-9.**
18. **El-Mahmoudi A. S.,** Murad, A. A., and Suleiman, S. Y. **(2008).** Geophysical and Hydrochemical Investigations of Al Foah Area, United Arab Emirates. **Journal of Environmental Sciences, Vol., 36, 1-28.**
19. Al Safarjalani, A.M., Al-Dakheel, Y.Y. and **El-Mahmoudi, A. S. (2008).** Natural Radioactivity Levels for Groundwater In Al Hassa, KSA. **WSTA, Eighth Gulf Water Conference "Water in the GCC Towards an Integrated Water Resources Management"3-6 March, 2008, Kingdom of Bahrain. Proceedings conference C1-8,,23p.**
20. **El-Mahmoudi, A. S. (2007).**The Application of Two-Dimensional Electrical Resistivity Imaging for Mapping the Quaternary Aquifer At Wadi Muraykhat And Wadi Sa'a, Al Ain Area, UAE. **J. Applied Geophysics, 6 (2), 13-28, (2007).**
21. Al Safarjalani, A.M., Al-Dakheel, Y.Y. and **El-Mahmoudi, A. S. (2007).** Radionuclide levels in soil of Al Hassa, KSA. **Journal of Environmental Sciences, Vol. 34, 151-174.**



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22. Al-Nuaimi, H. **El-Mahmoudi, A. S.** and Sherif M (2007). Evaluation of the groundwater quality at Al Jaww Plain , Al Ain, UAE. *Proceedings of the The Eighth Annual U.A.E. University Research Conference, College of Sciences ,206-218.*
23. Akram S., **El Mahmoudi, A.S.**, Ebraheem, A, and Shetty A, .(2007). GIS-based Hydrogeological and Geophysical Studies for Groundwater Exploration in Wadi Tawiyeen. **Arab Water World, Vol.(31),7, 20-23.**
24. Sherif, M., **El Mahmoudi, A. S.** Garamoon, H., Kacimov, A., Akram, S. Ebraheem, A., Shetty, A.(2006). Geoelectrical and Hydrogeochemical Studies for Delineating Ground-Water Contamination Due to Salt-Water Intrusion in the outlet of Wadi Ham, UAE. **Journal of Environmental Geology, Springer-Verlag, Environmental Geology, Vol. 49 (2) (2006), 536-551 .**
25. **El Mahmoudi A.S. (2006).** Geoelectrical and Hydrogeochemical Investigations at Abou Kebir -Hihya District, East Nile Delta. **Proceedings of the 19th Annual Symposium on the Applications of Geophysics to Engineering and Environmental Problems (SAGEEP), Seattle, Washington ,USA, 2 – 6 April 2006, 838-850.**
26. **El-Mahmoudi A. S.**, Shendi A. H., Mohammed, S. M., (2006). Groundwater exploration with Schlumberger soundings at Cairo-Bilbeis district, East Nile Delta, Egypt. **Proceedings of the Seventh Annual U.A.E. University Research Conference, College of Sciences, SCI-288-301.**
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C)Conference Presentations:-

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43. EL-Gamili, M. M., EL-Mahmoudi, A. S., Whittington R. J., (1996). Environmental Geophysical Exploration of the eastern part of Nile Delta, Egypt. **The 12th Symposium on Quaternary & development in Egypt, Mansoura University, 6 April, 1996.**

44. EL-Gamili, M. M., EL-Mahmoudi, A. S., Whittington R. J., (1996). Geophysical Delineation of the ancient river courses north of Abu Kebir, Sharqiya Governorate, Egypt. **The 12th Symposium on Quaternary & development in Egypt, Mansoura University, 6 April, 1996.**

45. EL-Gamili, M. M., Hassanien, A. Gh. and EL-Mahmoudi, A. S. (1990). Geoelectric resistivity contribution to the mode of occurrence of sand islets "turtle-backs" in the Nile Delta. **The 15th Colloquium of African Geology, University of Nancy 1, France, 10-3 September, 1990.**

46. EL-Gamili, M. M., Hassanien, A. Gh. and EL-Mahmoudi, A. S. (1990). Implications in environmental geology for development of the eastern Nile Delta, A .R Egypt. **The 5th Congress of the Geological Society of Greece, University of Thessaloniki, Greece, 1990.**

47. EL-Gamili, M. M., Hassanien, A. Gh. and EL-Mahmoudi, A. S., (1989). Delineation of the Holocene-Pleistocene facies through geoelectric techniques along Zagazig District, Eastern Nile Delta, A. R. Egypt. **The 7th annual meeting of the Egyptian Geophysical Society, Cairo, Egypt, 1989.**

D) Submitted Papers:-

Yasser, A., Leila, M., El Bastawesy, M. and El Mahmoudi, A., (2021). Seismic stratigraphy, sedimentary facies analysis and reservoir characteristics of the Jurassic syn-rift sediments in Salam Oil Field, north Western Desert, Egypt. **Submitted to Journal of Petroleum Geology.**

D) Scientific Interests

1. Engineering , Environmental Geophysics and Archaeogeophysics
2. Geophysical prospecting for Groundwater in Arid regions, Salt water intrusions.
3. Locating of Landfill sites in the different geological environments.
4. Geophysical prospecting for petroleum and natural gas.

COMMUNITY SERVICES

A) Technical Consultations:-

1-Consultation to **Schlumberger** through a contract with Research affairs, UAEU, **July, 2004.**



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<https://orcid.org/0000-0002-6945-1729>

https://www.researchgate.net/profile/Ahmed_El_Mahmoudi

2-Consultation to **Ministry of Justice and Islamic affairs**, UAE, related to "Forensic Geophysics"(AY 04/05).

3- Consultation to **Ministry of Agriculture and Fishing** about Heat flow of "Khat spring" at Ras Al Khema Emirate, UAE.

4-Consultation to **Al Ain Municipality**, "Scientific Interpretation to the Phenomena of Moving against slope" at Jabal Hafit., Al Ain, UAE.

5- Consultation to **New Cairo City Municipality**, "Geotechnical studies for Few sites around New Cairo City, Egypt for Karast and fractures detections using Geophysical investigations.

6-Assessor for Environmental Agency Abu Dhabi, UAE.

7- Consultation to King Faisal University to locate the best water well sites using Electrical Resistivity Tomography.(July-August, 2009).

B) University Committees:--

i)Department Committees

Coordinator of **Schedule and Advising committee.**

Coordinator of **Research committee**

Coordinator of **Community Services**

Coordinator of **Exams and checking Students Grades committee**

Coordinator of **Information Technology (IT) committee.**

Coordinator of **Co-Teaching Committiee**

Member of **Curricula Development Committiee.**

Member of **Training Committiee**

Member of **Self Study and annual report for the Geology Departement Committiee**

Evaluator of **Individual Research Projects** on Departmental level

Coordinator for subcommittee to **evaluate the applications of new Academic Positions** at Geology Departement..

Member of **Demonstration Affairs committee**

Internal Supervisor of Mr. Khalid Saleh (Demonstator (TA) who is doing his Ph. D at Missouri, Rolla Univ., USA in "Geophysics".

ii)College Committees

Member of the **Schedule and Advising committee** of the Faculty Science (AY 03/04, 04/05 , 05/06)

Member of the **Research & Graduate Studies committee** of the College Science (AY 03/04).

Member of the **Peer Teaching Evaluation Committee (PTE)** of the College Science (AY 04/05 & AY 05/06).

Member of Committee to develop a course for General Education Course, the course en titled "Science and Man".

iii)Universiy Committees

Member of the **Executive committee of Master of Water Resources Program (MWRP)** (AY 01/02 –to AY 04/05).

Member of the **Executive committee of Master of Science Program in Petroeloum Geosciences, Petoeloum. Eng., and Chemical . Eng.**

Member of **Self Study of the Master of Water Resources Program (MWRP).**



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<https://orcid.org/0000-0002-6945-1729>

https://www.researchgate.net/profile/Ahmed_El_Mahmoudi

Member of the **University Examination Committee.**

Initiate approved a memorandum of Understanding between UAE University (represented by Geology Department) and Oxford University (represented by Earth Sciences Department) has been approved.

Member in the Strategic Plan committee of the KFU Vice Vice Presidency of Graduate Studies & Scientific Research

Coordinator of the Council meeting of KFU Vice Presidency of graduate studies and scientific research.

C) Internal Examination

i) Thesis Examination

- 1- M.Sc. Thesis , of Fatima Al Sheihy, Water Resources program, Graduate Studies, Deanship, UAE University (Jan., 2003).
- 2- M.Sc. Thesis of Hind Seif Al Nuaimi, Water Resources program, Graduate Studies, Deanship, UAE University (June 2003)
- 3- M.Sc. Thesis for Mohamed Khalifa Water Resources program, Graduate Studies, Deanship, UAE University (June, 2004).
- 4- M.Sc. Thesis for Rashid Al Kendy, Water Resources program, Graduate Studies, Deanship, UAE University (June, 2004).

D) Membership in the Editorial board of the following International Journals:

1- The Open Ecology Journal

(<https://benthamopen.com/TOECOLJ/home/>)

2- Journal of Geological Resource and Engineering (ISSN 2328-2193),

(<http://www.davidpublishing.com>)

3 -ARABIAN JOURNAL OF EARTH SCIENCE,

(<http://www.arabianjournalofscience.com/index.php/AJES/user>)

4 -ECOLOGY, ENVIRONMENT AND CONSERVATION JOURNAL (ISSN: 0970-2083)

(http://www.envirobiotechjournals.com/journal_details.php?jid=2)

5- Journal of Asian Journal of Earth Sciences,

<http://scialert.net/eboard.php?issn=1819-1886>

6- Journal of Applied Sciences

7- Research Journal of Environmental Sciences

<http://scialert.net/eboard.php?issn=1819-3412>

8- Trends in Applied Sciences Research

10- Asian Journal of Applied Sciences

11-Groundwater Monitoring & Remediation-Journal

E) Refree To Scientific Journals & Promotion Comittees

-Water Science (Scientific Journal of the National Water Research Center)

-International Journal of Physical Sciences (www.academicjournals.org/IJPS)

-Near Surface Geophysics Journal published by European Associations of Geoscientists and Engineers (EAGE).

-International Journal of Scientific Research (IJSR), Journal of the Faculty of Science United Arab Emirates Univ.

-Emirates Journal for Engineering Research (EGER), Faculty of Engineering UAEU (see attached).

-Arabian Gulf Journal of Scientific Research, Arabian Gulf University, Manama, Kingdom of Bahrain.

- Arabian Journal of Geosciences(<http://www.edmgr.com/ajgs/default.asp>).



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https://www.researchgate.net/profile/Ahmed_El_Mahmoudi

- Referee to King Abdel Aziz University, KSA, Promotion Committee.
- Referee to King Abdel Aziz University, KSA, Promotion Committee
- Referee to College of Basic Education Promotion Committee, Kuwait
- Referee to Taiba University, Madina Menwara, KSA, Promotion Committee
- Referee to Bagdad University-Science College Promotion Committee, Iraq
- Referee to King Abdulaziz City for Science and Technology (**KACST**), KSA
- Referee to the annual Scientific Conference for students in higher education, KSA
- Referee to Journal of National Research Institute of Astronomy and Geophysics (NRJAG)
- Referee to Journal of Groundwater Monitoring & Remediation
- Referee to Journal of Geological Society of Egypt.
- Referee to the annual Journal of Geological Survey of Egypt

F) Chair for Scientific Sessions in Conferences

" **The International Conference on Hot Arid Regions, (IECHAR 2010), Al-Ahsa, KSA, May 1-2, 2010**".

"**Second Gulf Seismic Forum 2005**", February 20-23, 2005 Al Ain, UAE."

"**The 6th International Conference on the Geology of the Middle East**," March 20-23, 2006, Al Ain, UAE".

G) Contributions to Conferences, Workshops & Seminars

Member of the Organizing Committee of the International conference on Water, Environment and Energy (WEE – 2016) which will be held in March 15 – 18, 2016 at **Bhopal, India**, (<http://icwees2016.com/icwees/index.aspx>).

Member of the Organizing Committee of the "**International Conference on Geology**" during June 22-23, 2015 Florida, USA hosting by OMICS Group, the World Class Open Access Publisher and Scientific Events Organizer. (<http://geology.conferenceseries.com/2015/>).

Member of the Scientific y Committee of the 4th ScienceOne International Conference on Environmental Sciences (**ICES 2015**) which organized in Dubai from January 21-23, 2015.

Member of the Scientific & Secretary Committees of the 3rd ScienceOne International Conference on Environmental Sciences (**ICES 2014**) will be organized in Dubai from January 21-23, 2014.

Member of the Scientific & Secretary Committees of the 5th Date Palm Symposium organized by King Faisal University (KFU), which will be held at (KFU) Al Hofouf, Saudi Arabia, 3-6 November, 2013.

Organized and act as a coordinator of a workshop entitled "**Water Resources at United Arab Emirates and Modern Groundwater Exploration**" held at **UAE University, April, 2005**.

Organized and act as a coordinator of a workshop for the directors and high school science teachers, **February, 2002**.

Contributed to Workshops entitled "Metallic and non-metallic mineral resources in UAE organized by Geology Department, UAEU, March, 2004..

Member in the "Scientific Committee" of the Organization of the Conference of "**The 6th International Conference on the Geology of the Middle East**," March 20-23, 2006, Al Ain, UAE".

Participating in the departments scientific seminar program, student's activities (both undergraduate and graduate levels) and community.

Organizing committee of First Geology Day (April, 2004).

H) Media (TV/Radio meetings)



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<https://orcid.org/0000-0002-6945-1729>

https://www.researchgate.net/profile/Ahmed_El_Mahmoudi

Shared in TV and Radio Programs about Seismicity of Arabian Plate , Tusnami, Water Depletion , ground water salination at Masafi, Fujira Emirate,UAE and about Engineering and Envirnomental Geophysics in Nile Delta and about the modern techniques of Agriculturegeophysics..

The links on Some of TV Meetings on my channel on my Youtube are:

http://youtu.be/MA_HR8Rvr-Y

Chanel 6 Meeting

<http://youtu.be/tak2ftyJxv8>

Abu Dhabi Channel

http://youtu.be/oTLnx6Y_gkQ

UAE Channel

LIST OF REFEREES

<p>1) Dr. R J Whittington Reader of Geophysics,UWA, Aberystwyth Institute of Earth Studies,Geology Department Dyfed, Aberystwyth SY 23 3 DB, UK Tel:- 44-1970-828364 (home) Fax:-44-1970-622659 (work) E-mai: rdw@aber.ac.uk</p>	<p>2) Prof. Ole Bernt Lile Professor of Geophysics Norwegian University of Science and Technology (NTNU) Department of Petroleum Engineering and Applied Geophysics (IPT) SP Andersens veg 15A, N-7491 TRONDHEIM Norway Tel:-4773594948 E-mai: obl@ipt.ntnu.no</p>
<p>3) Prof. Dr Hassan Rafdan Al Hojoj , Vice President of Graduates & Research , King Faisal University, 31892,Hofuf, Saudi Arabia Hofuf. Tel:- +966 - 0135896117 (Work) Mobile:- +966 55 565 9862 Emai: hajhouj@kfu.edu.sa or/hhassan95@yahoo.com</p>	<p>4) Prof. Omar A. Hegab Professor of Sedimentology, Faculty of Science, Mansoura University, Postal Code No. 35516, El-Mansoura, Egypt Mobile:- ++20-12-26622373 Tel:- ++20-50-2242388 ext.589 (Work) Fax:-++20-50-2246781/2246254 (work) Email: omarhejab247@hotmail.com</p>
<p>5)Prof. Abdulrazag Y. Zekri Program Director for the Master of Scie. Program in Pet. Geosciences, Pet. Eng., and Chem. Eng., Prof. of Petroleum Engineering Faculty of Engineering, UAE University,P.O.BOX 17555, Al-Ain, UAE Office Tel.: 00971-03-753355 Mobile: 00971-050-7609945 Email:-a.zekri@uaeu.ac.ae</p>	<p>6) Prof. Mohamed M. Abu-Zeid Professor of Mineralogy and Sedimentary , Department of Geology, Faculty of Science Ain Shams University, Cairo, Egypt Telephone: (002-2) 403-8046 (home) Mobile: (0020-10) 158-1818 or (0020-12) 737- 2877 Email: abuzeid47@yahoo.com</p>

Fore more Details about courses, community services,, Please visit the following website:-

<https://scholar.google.com/citations?user=8XLKmnEAAAAJ&hl=en>

<https://www.researchgate.net/profile/Ahmed-El-Mahmoudi-2>

<https://www.scopus.com/authid/detail.uri?authorId=35188966600&eid=2-s2.0-85101986091>



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https://www.researchgate.net/profile/Ahmed_El_Mahmoudi

https://www.linkedin.com/home?trk=nav_responsive_tab_home

https://www.youtube.com/channel/UCJtK_DH1JQ6_eUSgXf12kmg

<https://www.facebook.com/ahmed.e.mahmoudi>

<https://twitter.com/mahmoudi62>