



C. V.

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1- Qualifications

- 1.1 Ph.D. Geology, Faculty of Science, Al Azhar University, 2007
"Stratigraphical and sedimentological studies on the water bearing formations in Arif El Naqa area and surroundings, East Sinai, Egypt"
- 1.2 M. Sc. Geology, Faculty of Science, Al Azhar University, 2004
"Petrological and mineralogical studies on the surface sediments and rocks in Wadi El Hawashiya Basin, the Eastern Desert, Ras Gharib, Egypt"
- 1.3 B. Sc. Faculty of Science, Zagazig University, geology and chemistry, 1997

2- Employment

- 2.1 Researcher Dr., Desert Research Center, from 31.05.2008 till present.
- 2.2 Geologist, Desert Research Center, from 13.08.1998 to 30.05.2008.

3-Postdoctoral Scholarships

3.1- DAAD (Deutscher Akademischer Austausch Dienst) scholarship for postdoctoral researches in Institute of Geography, Heidelberg University, Germany, funded from DAAD. (From 15.01.2010 till 15.07.2010).

3.2- The Matsumai International Foundation Fellowship for postdoctoral researches in The University of Tokyo, Center for spatial information science, Tokyo, Japan, from 01.09.2012 to 01.03.2013, completely funded from the Japanese side.

4-Research interests

I'm specifically interested with hydrogeology and water resources; I am carrying out researches concerning with applications of remote sensing and GIS for hydrogeological investigations. My scientific approach is based upon the surface and groundwater, in this context, I use the integration between different disciplines such as; geomorphology, geology, structural settings, remote sensing, GIS, environmental isotopes and other related sciences.

5- Principle investigator

Principle investigator (PI) for project funded from science and technology development fund (STDF), project ID. 6124, since 2014, with cooperation with Cologne University, Germany

6- Selected scientific projects

6.1 Member of the scientific team in the scientific program of "Potential of the groundwater in the northwestern coast, Egypt"(2010-present)

6.2 Member of the scientific team in the program of "Development of the valleys in the northwestern coast, Egypt"(2008-2009)

6.3 Member of the scientific team in the project of "The role of the geologic settings in the water resources development in Tushka area and its vicinities, Western Desert, Egypt"(2007-2009)

6.4 Member of the scientific team who prepare "Atlas of water resources in Sinai"(2007-2008)

6.5 Member of the scientific team in the project of "Exploration of the groundwater at El Gora area, North Sinai"(2005-2006)

6.6 Member of the scientific team in the project of "Evaluation of the water resources in East El-Ewenat area, New Valley"(2006-2007)

6.7 Member of the scientific team in the project of "Evaluation of the water resources in Wadi El Buruk Basin, North Sinai"(2006-2007)

6.8 Member of the scientific team in the project of "Evaluation of the water resources in the area between Baloza-Rommana, North Sinai"(2004-2005)

6.9 Member of the scientific team in the project of "Bedews settlement in the area from Ras Banas to Mersa Allam, Eastern Desert"(FAO, 2003-2005)

6.10 Member of the scientific team in the project of "The development of the northern coast, Sedi Barani and Sedi Abd El Rahman, western Desert". (Scientific project funded from UN, 2002-2005)

6.11 Member of the scientific team in the project of "Geologic studies of The Shalatein - Abu Ramad Area".(2003 -2005)

6.12 Member of the scientific team in the project of "Geomorphologic and geologic studies for water resources developments, Esh El Mallaha area, Eastern Desert."(2001-2002)

6.13 Member of the scientific team in the project of "Geomorphologic and surface geologic impacts on water resources, Delta of Wadi El Hawashiya, Gulf of Suez region". (Desert Research Center and Red Sea Governorate, 2000-2001)

7- List of publications

7.1 Mohamed Yousif, El Sayed El Abd & Ahmed Baraka (2013): Assessment of water resources in some drainage basins, northwestern coast, Egypt. Applied water science Journal (Springer). ISSN 2190-5487, DOI 10.1007/s13201-013-0093-2., Vol. 3, No. 2., pp. 439–452

7.2 Mohamed Yousif and Olaf Bubenzer (2013): "Integrated remote sensing and GIS for surface water development. Case study: Ras El Hekma area, Northwestern Coast of Egypt". Arabian Journal of geosciences (Springer). ISSN 1866-7511, DOI 10.1007/s12517-011-0433-1, Vol. 6, Issue 4, P. 1295-1306. (*Impact factor 1.141*)

7.3 Mohamed Yousif and Olaf Bubenzer. (2012) "An integrated approach for groundwater assessment at the Northwestern Coast of Egypt: Case study Ras El Hekma." Environmental Earth Science Journal (Springer). ISSN 1866-6280, DOI 10.1007/s12665-012-2052-x, (*Impact factor 1.445*)

7.4 Mohamed Yousif and Olaf Bubenzer (2012): "Perched Groundwater at the Northwestern Coast of Egypt: A Case Study of the Fuka Basin." Applied water science Journal (Springer). ISSN 2190-5487, DOI 10.1007/s13201-011-0023-0, Vol. 2, Number 1, P. 15-28.

7.5 M. Yousif (2011): Exploitation of the wasted Nile water in the Mediterranean Sea. European water Journal (EWRA), Issue 33, P. 29-32.

7.6 Hassanein, A., Attia, S.H. and Yousif, M. (2011): Sedimentologic criteria and its bearing on the occurrence of groundwater possibility in Wadi El Hawashiya fanclastics, West Gulf of Suez, Egypt. Annals of the Geological survey of Egypt, V. XXXXI (2009-2011), part I, P. 1-22.

7.7 Aggour, T.A., Hewidy, A.A., Attia, S.H., Abu El Fettouh, M.A. and Yousif, M. (2007): Geology of water resources at Wadi Geraia Basin, Sinai, Egypt. The Egyptian Journal of Geology, Vol. 51, P.177-204

7.8 Attia, S.H., Aggour, T.A., Hewidy, A.A., Abu El Fettouh, M.A. and Yousif, M. (2007): Sedimentologic studies on the water bearing formations at Arif El Naqa area and its vicinities, East Sinai, Egypt. The Egyptian Journal of Geology, Vol. 51, P.205-239.

Papers under review:

7.9 Mohamed Yousif, Takashi Oguchi, Katsuro Anazawa, and Takeshi Ohba (2014): Geospatial Information and Environmental Isotopes for Hydrogeological Evaluation: Ras Alam El Rum, Northwestern Coast of Egypt.

7.10 Mohamed Yousif, Takashi Oguchi, Katsuro Anazawa, and Takeshi Ohba (2014): Framework for Investigation of Karst Aquifer in Arid Zone, Using Isotopes, Remote Sensing and GIS Applications. Case study From the Northwestern Coast of Egypt.

8- Conferences:

8.1 Attendance of "Tropentag 2013" international conference, natural resources management and rural development, **Hohenheim University, Stuttgart, Germany.**

8.2 Attendance 10th international conference 2010 on development of drylands: Drylands under changing climate-moving from global to local (**IDDC, Cairo**).

8.3 Talk and presentation in Global Change and Globalization Group, on Wednesday, 27th Jan. 2010, about "Water resource development in Ras El Hekma, NW coast of Egypt", **Heidelberg University, Germany.**

8.4 Attendance to a group of lectures on 04.02.2010 in the old lecture hall (Alte Aula) of Heidelberg University, Grabengasse 1, with invitation of University rector, **Heidelberg University, Germany.**

8.5 Talk and presentation in the conference of the working group "Desert Margin Research" as part of the German Geographical Society, 5th and 6th of February. 2010, Schloss Rauschholzhausen, near **Marburg, Hessen, Germany.**

8.6 Attendance the annual Institutsausflug (institute tour) on 02.07.2010 which includes visiting of the "Grube Messel" (Messel Pit), a very famous palaeontological site near **Darmstadt, Germany.**

8.7 The Japan-Egypt science year, Cairo 2008 (Sharing by a paper as a case study and with a project proposal), **Cairo, Egypt.**

8.8 The 45th conference of the Geological Society of 2007, **Cairo, Egypt.**

9- Awards:

9.1 Award of the best research, 45th conference of the geological society of Egypt, 2007

9.2 DAAD award, 2009

9.3 Matsumai International Foundation Fellowship, 2013

9.4 Fund for research project from science and technology development fund (STDF), Ministry of scientific research, Egypt, 2013/2014

10- Training courses/seminars/workshops:

10.1 International DAAD-Alumni Summer School "Water for Life – Source of Food Security" held from September 08, 2013 to September 16, 2013 in **Hohenheim, Stuttgart, Germany.**

10.2 Module of "Developing personality of leadership 2013" **DAAD office, Cairo, Egypt.**

10.3 Application of GIS, GPS and Remote sensing, Center of Geo-informatics, institute of Rural Development, funded from Ministry of external affairs, India. From 21/02/2012 to 03/04/2012, **Hyderabad, India.**

10.4 Desertification (participate as a trainer), Afro-Asian Rural Development Organization (AARDO), Desert Research Center, From 20/11/2011 to 27/11/2011, **Cairo and Matrouh, Egypt.**

10.5 Seminar/Training course on Desertification and its control for Developing Countries, Cold and arid regions environmental and engineering research Institute, China Academy of Science, from 20/10/2011 to 9/11/2011, **Lanzhou, China.**

10.6 Training course on GIS and Remote Sensing from 22.03.2010 to 26.03.2010, in Geography Institute, Heidelberg University, **Germany.**

10.7 Training course on “Integrated environmental management, ISO 14001”, Institute of National Planning, from 10 to 14/5/2009, **Egypt.**

10.8 International training courses on the “Desertification”, which organized by “Afro-Asian Rural Development Organization (AARDO) and Desert Research Center (DRC)”, from 21 to 30/11/2008, **Egypt.**

11- Computer skills and languages:

Good using for the following software: Windows, office, surfer, grapher, Adobe Photoshop, Rock ware, Arc GIS, Arc Hydro, ERDAS Imagine, SPSS, Aquchem and other related programs.

-The languages are:

- The Arabic (The native language).
- The English (Very good in reading, writing and speaking), B1 according to Common European framework of reference for language
- The German, A1 and A2 level from Goethe Institute, Cairo-Egypt, and German course from 01.03.2010 to 13.07.2010 in the Center of International Studies in Heidelberg University, Heidelberg, Germany.

12- Memberships and social activities

12.1 DAAD Alumni (Deutscher Akademischer Austausch Dienst), Germany.

12.2 Heidelberg University International Alumni (HAI), Heidelberg, Germany

12.3 Member of Advisory Commission of The Global Unification International (GUI), (International research organization)

<http://www.globalunification.com/associatesEGYPT.php> and

<http://mohamedyoussefgui.blogspot.com/>

12.4 Member of the Syndicate of Scientific Professions, Egypt.

12.5 Member of the Geological Society of Egypt.

12.6 Participate in a group of television sitcom "known of god through Science" on Canal "Al Manarah for scientific research"; one of the Nile channels, Egypt.

12.7 Member of Naka Nanotechnology Network NNN.

(<http://nakaanetwork.webs.com/apps/profile/72374159/>)

12.8 Member of International Network for the Availability of Scientific Publications (INASP), Communication, knowledge and networks for sustainable and equitable development.

(<http://www.inasp.info/>)

12.9 Member of Research Gate Scientific Network (<http://www.researchgate.net/>)

12.10 Member of Geological Society, United Kingdom (www.geolsoc.org.uk)

12.11 Member of Solar Map (Solar Maps is a great place to meet people who share your solar interests and passion, <http://www.solamaps.com/>)

12.12 Member of "The American Society for Photogrammetry & Remote Sensing" (<http://www.asprs.org/>).

13- The reference persons

13.1 Prof. Dr. Olaf Bubbenzer, Institute of Geography, Cologne University, Germany.

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13.2 Prof. Dr. Takashi Oguchi, Vice director of Center for spatial information Science, The University of Tokyo, Japan.

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13.3 Prof. Dr. Ismail Abd El Galil, Former president of Desert Research Center, and Focal point of United Nation Convention to Combat Desertification.

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13.4 Prof. Dr. Ahmed Mohamed Ali Youssef, Head of water resources and desert lands division, Desert Research Center, Egypt.

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13.5 Prof. Dr. Tarek Aggour, Head of Geology Department, Desert Research Center, Egypt.

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