

## Dr. Abdalla M. Fayed

### Professor *Head of Water Resource Department*

#### Experierance

2012 Fellowships	Germany (Brounschweig ) Postdoc DAAD.
2011 Fellowships 2011- Today	Postdoc. Graz university viena FFEEBB Head of the water resource department, NARSS, Egypt
2010	Nominated international prize King Sultan Bin Abdel-Aziz for Groundwater, Saudi Arabia
2008	Nominated international prize King Sultan Bin Abdel-Aziz for Groundwater, Saudi Arabia
2005 Fellowships	Germany (Brounschweig ) Postdoc DFG.
2003 Fellowships	The University of Texas at Dallas, Department of Geosciences: Postdoc.
2000	The National Authority for Remote Sensing and Space Sciences (NARSS), Engineering Applications and water Division: researcher
1995-2000:	The Ground Water Research Institute (RIGW), Department of the Basin of the Nile Valley, Upper Egypt: vice director
1990-1995: 1989 Fellowships	RIGW: head of the hydrogeological mapping unit Hydrogeological mapping, Laurence, Kansas: A six-month United Nations Development Program (UNDP)
1983-1990:	RIGW, Department of the Basin of the Nile Valley, Upper Egypt: research assistant

#### Education

1994: Ph.D., Hydrogeology, Al-Azhar University, Cairo, Egypt  
1991: M.Sc., Hydrogeology, Al-Azhar University, Cairo, Egypt  
1982: B.Sc., Geology, Minufiya University, Egypt  
Accumulative grade 83.4% (Very Good)

### **Workshops**

2001: Geographical Information Systems, Netherlands  
1990: Geology and hydrology, Netherlands

### **Projects and technical reports**

- Defined the ground water Aquifer system in Northeast Africa Egypt: A Joint project between RIGW and UNDP
- Determined the evaporation rate in Qattara depression, Egypt: Supported by the Dutch IWACO and the RIGW
- Carried out a hydrogeological map of Egypt, scale 1: 2000.000: A Joint project between RIGW and UNDP
- Created a regional hydrogeological map of Egypt: Supported by RIGW and the Academy of Scientific Research (Egypt)
- Created a detailed hydrogeological map for North Egypt (scale 1:100.000): Supported by RIGW and IWACO (Netherlands)
- Carried out a hydrogeological map of Upper Egypt, scale 1: 100.000: A Joint project between RIGW and UNDP
- Completed hydrological mapping and technical reports of the following areas of Egypt: Bani Suif, Magaga, Malawi, El-Minya, Assiut, Manfalut, Sohag, Tahta, Gerga, Qena, Luxor, Esna, and Kom ombo

### **Membership in Scientific Societies**

- Egyptian Geological Society
- Egyptian Geophysical Society
- Egyptian Society for Groundwater
- Egyptian Scientific Syndicate
- EUG Society

### **Published Papers:**

1. Mohammed El Bastawesy, **Abdallah Faid** and El Sayed El Gammal (2012). The Quaternary development of tributary channels to the Nile River at Kom Ombo area, Eastern Desert of Egypt, and their implication for groundwater resources. Hydrol. Process. 24, 1856–1865

2. Abdulzaiz, M., Hurtado, Jr, and **Faid, M. A.** (2012). Hydrogeological Characterization at Gold Valley, an Investigation of Precipitation in an Intermountain Basin in the Death Valley region, California, USA. Hydrogeology Journal (2012) 20: 701-718
3. **Abdalla M. Faid** and Abdulaziz, M. Abdulaziz (2012). Monitoring Land-Use Change- associated Land Development Using Multiemporal Landsat Data and Geoinformatics in Kom Ombo Area, South Egypt. (2012) International Journal of Remote Sensing. Vol. 33 No. 22
4. Mohammed El Bastawesy Rafat Ramadan Ali Khalid Al Harbi, **Abdallah Faid** (2012). Impact of the geomorphology and soil management on the development of waterlogging in closed drainage basins of Egypt and Saudi Arabia. Environ Earth Sci (2012)
5. Ismail Esam, **Faid Abdalla** and Niesner Erich (2012). Land Use and Land Cover Changes of West Tahta Region, Sohag Governorate, Upper Egypt. Journal of Geographic Information System, 2012, 4, 483-493
6. Ismail Esam, **Faid Abdalla**, Niesner Mauritsch Hermann (2012). Comparison of the Groundwater Quality in the West Tahta Area, Upper Egypt in 1989 and 2011. Journal of Environmental Protection, 2012, 3, 1442-1457
7. Aggour Tarek and **Faid Abdalla** (2013). Hydrogeological Studies on Heliopolis Basin, East Delta, Egypt. Accepted by Journal of Water Resource and Protection (JWARP) (Accepted)
8. Hamdy Ismail El-Sayed Hassanein, **AbdAlla M. Faid**, Adel ZeinBishta and Eslam Ahmed Wajih El- Awady (2013). Integration of Geologic, Geophysical and Remote Sensing Studies for the water resources of Nile Valley, Isna, Egypt (Accepted)
9. Ali, A.M.A., El-Kholy, K.S. and **Faid, A.M. E.** (2012).Groundwater Resources Management of Quaternary Aquifer North Ismailia Canal Using Three Dimensional GIS- based groundwater flow modeling, East Nile Delta. Engineering Research Journal Vol. 134. (2012).
10. Elbeih, S.F., **Fayed, A.M.**, Zaghloul, E.A., Fekri, A.M. and Mekhael, N.N. (2009). Ain Shams Journal of Civil Engineering. Vol. 1, pp. 345-353
11. Zeid, S.A., and **Faid, A.** (2012). Geoelectrical Resistivity Measurements for Groundwater Exploration on West Maghagha Area, Western Part of Nile Valley, Minia Governorate , Egypt. Al- Azhar University journal

12. **Tom, B., Faid, A. (2006).** Pathline-Calibrate Groundwater Flow of Models Nile Valley Aquifers, Esna, Upper Egypt. Journal of Hydrology Volume 324: Issues 1-4 15 June 2006 Pages 195 – 209.
13. **Faid, A., Hassen, A. (2005).** Environmental Aspects for Groundwater Systems in Nile Delta, Egypt. Zbl, 2005 Heft 31-49 Stuttgart, Februar 2005 Geol. Palaont. Teil
14. **Faid, A., Sohair, M. (2005).** Management of Groundwater Reservoir in Southern Western Delta Using Modeling and Remote Sensing Techniques. ENGNG.RES.JOUR, VOL.101.PP .C70 OCTOBER 2005. HELWAN UNIVERSITY. FACULTY OF ENGNG, MATARIA CAIRO.
15. **Faid, A., Emly, H. (2003).** The Effect of Land Cover and Land use Groundwater Resources in Southern Egypt, Luxor Area: Remote Sensing and Field Studies. Egypt. J. Remote Sensing & Space Sci., v, 6, pp. 91-106 (2003)
16. **Faid, A. (2003).** Integrate of Geoelectrical data to Identify Aquifers and Paleo-Channel in Esan Area Upper Egypt. Sci. J. Fac., Sci., Minufiya Univ., Vol. XVII (2003: 89-118).
17. **Faid, A., Hassen, S. (2002).** Delineation of the Quaternary Aquifer in A part of the Nile Valley Using Electrical Sounding. Al-Azhar Bull. Sci. Vol. 13, No.2 (Dec): pp. 127-138, 2002.
18. **Faid, A. (2002).** Contamination of Groundwater in the Vicinity of Tripoly City. Al-Azhar Bull. Sci. Vol, 13, No.1 (June): pp. 47-58, 2002
19. **Faid, A., Salah, H., (2006).** Geo-electrical Resistivity Survey to Delineate the Aquifer Setting of Wadi El-Farigh Area South-West of Nile Delta, Egypt. Egypt, Soc., Appl. Petroph.
20. **Faid, A., Naser, A. (2003).** Surface and Subsurface Factors controlling groundwater Recharger in Kom Ombo, Nile Valley. Proceed. 13<sup>th</sup> Symp. Phaner. Develop. Egypt. Pp 61-77, January 2003.
21. **Faid, A.M., Abdelsalam M. G., Hinz, E.A., and Montgomery, H. (2003).** The effect of landuse/landcover on groundwater resources in southern Egypt (Luxor area): Remote sensing and field studies J. African Earth Sci. (Submitted)
22. **Faid, A.M., Abdalmajid S. (2002).** Interpretation of geoelectric data to identify aquifers in Almenia, Upper Egypt

23. **Faid, A.M., (2002).** Interpretation of geoelectric data to identify aquifers and paleochannel of River Nile in Esna Area.
24. **Faid, A.M., (2002).** Groundwater Aquifer systems in Esna area, Upper Egypt. Journal of Elmonofia University 9, pp. 91.
25. **Faid, A.M., Abualfutoh, A., (2002).** Hydrogeology of wadi-Farigh, western desert, Egypt. Journal of Alazhar University 21, pp. 12.
26. **Faid, A.M., (2001).** Groundwater pollution in Tripoli, Libya Journal of Alazhar University 20, pp. 56.
27. **Faid, A.M., (1998).** Pollution in the area of Khoms, Libya Journal of Naser University 13 pp. 32
28. **Faid, A.M., Atia, F., (1994).** Hydrogeology of Gerga area, Upper Egypt J.National Research Center 15, pp. 7

### **Conferences**

- The Annual Meeting of the Federation of Arab Scientific Research Councils, The Applied Sciences University, Amman, Jordan (2002)
- Geology of the Arab World, Cairo University, Egypt (2000)
- Conference on Geology for exploration in Morzic basin, Sabha University, Libya (1998)
- Geology of the Arab world, Cairo University, Egypt (1998)
- Conference on water resources in Arab countries, Fateh University, Libya (1996)
- Conference on hydrogeology, Menoufia University, Egypt (1995)
- Conference on management of Groundwater aquifers for Sinai peninsula, National Water Research Center, Cairo, Egypt (1991)
- Conference on hydrogeological mapping, Egypt (1988)
- Conference on Drought in Africa, Egypt (1988)
- EGU Conference Austria, (2009)
- EGU Conference Austria, (2010)
- EGU Conference Austria, (2011)
- Water resources Conference Germany (Brawny Schwinger), (2010)