

1. PERSONAL DETAILS

Surname	Tarabees
Other names	Elhamy Aly
Title	Geology Department Chairman/ Professor/ Consultant of Geology and Hydrology
Gender	Male
Address	Faculty of Science, Damanhour, Egypt
Telephone Numbers	+2 045 3333363
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Email	etarabees@yahoo.com
Date of birth	1974, May, 02
Place of birth	Damanhour, Egypt

2. EDUCATION

College/University	Degree obtained	Dates (from-to)
Faculty of Science, Sohag University	Ph. D.	2002-2005
IISEE, BRI, Japan	Post Graduate Diploma	2003-2004
Faculty of Science, South Valley Uni	Master	1999-2002
Faculty of Science, South Valley Uni	Bachelor	1993-1997

3. TRAINING

Training Attended / Technical Skills Acquired	Place	Dates (From-To)
Global Seismological Observation	IISEE, BRI/Tsukuba, Japan	2010
Disaster Reduction	Kampalla, Uganda	2009
Earthquake Disaster Mitigation	IISEE, BRI, Japan	2007
GIS Applications	Assuit University	2005
Seismic Risk and Hazard Assessment	Yerevan, Armenia	2004
Seismology and Earthquake Engineering	IISEE, BRI/ Tsukuba, Japan	2003-2004
Oil Exploration	EGCP/ Ras Ghareb, Egypt	1996

4. EMPLOYMENT HISTORY

Employer	Position	Dates (from-to)
Faculty of Science in Damanhour, Alexandria University	Associate Professor / Geology Department Chairman	2007-present
Faculty of Science, Sohag University	Lecturer	2005-2007
Faculty of Science in Sohag, South Valley University	Assistant Lecturer	1999-2005

5. MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

Professional body	Level of membership	Year of award
Society of Exploration Geophysists (SEG)	Member	2013
American Association of Petroleum Geologists (AAPG)	Member	2012
Geological Society of America	Member	2011
Egyptian Geophysics Society	Member	2009
Egyptian Society of Applied Petrophysics	Member	2002

6. FIELDS OF INTEREST

- Seismic interpretation for the shallow data (geo-technical assessment and site selection) and deep data (basement complex configuration).
- Integrated geophysical - geological interpretation for a real evaluation and visibility studies for the needed concessions and prospects.
- Geo-environmental assessment for the engineering, urban, industrial and agricultural projects.
- Geo-electric survey and interpretation for underground water detection

7. PUBLICATIONS AND PATENTS

Refereed Journal Publications:

- Barbara J. Tewksbury, Charlotte J. Mehrtens, Elhamy A. Tarabees, and Hogan John, 2017: Constraints from Mesozoic siliciclastic cover rocks and satellite image analysis on the slip history of regional E-W faults in the southeast Western Desert, Egypt, African Earth Science(accepted and in press).
- Elhamy A. Tarabees, Barbara J. Tewksbury, Charlotte J. Mehrtens, and Abdellatif Younis, 2017: Audio- magnetotelluric surveys to constrain the origin of enigmatic narrow synclines in Eocene limestone, Western Desert, Egypt, African Earth Science(accepted and in press).
- Barbara J. Tewksbury, Elhamy A. Tarabees, and Charlotte J. Mehrtens 2017: Origin of an Extensive Network of Non-tectonic Synclines in Eocene Limestones of the Western Desert, Egypt, African Earth Science(accepted and in press)
- Abd el-aziz Khairy Abd el-aal, Elhamy Tarabees and Hazem Badreldin 2017: SOURCE CHARACTERIZATION AND GROUND MOTION MODELING COMPUTED FROM THE 3 SEPTEMBER 2015 EARTHQUAKE, WESTERN DESERT, EGYPT INTERNATIONAL JOURNAL OF GEOMATE, Feb., 2017, Vol. 12, Issue 30, pp. 129 - 203 Geotec., Const. Mat. & Env., ISSN:2186-2990, Japan, DOI: <http://dx.doi.org/10.21660/2017.29.59383>
- Aboelhassan, Neamat, Tarabees, Elhamy and Alaa, Mohamed, 2017: RESERVOIR EVALUATION OF BAHARIYA FORMATION IN TUT OIL FIELD, NORTH WESTERN DESERT, EGYPT International Journal of GEOMATE, Jan., 2017, Vol. 12, Issue 29, pp. 129 - 203 Geotec., Const. Mat. & Env., ISSN:2186-2990, Japan, DOI: <http://dx.doi.org/10.21660/2017.29.59383>
- Tarabees, E. and El-Qady, G. 2016: Sea water intrusion modeling in Rashid area of Nile Delta (Egypt) via the inversion of DC resistivity data, American Journal of Climate Change (AJCC), Vol.7 No.5 2016. .
- Elhamy A. Tarabees and Salah S. Azam, 2016: Structural Effect on Hydrocarbon Trapping, North Western Nile Delta, Egypt, International Journal of Geosciences (IJG), Vol.7 No.3 2016.
- Barbara J. Tewksbury, John P. Hogan, Simon A. Kattenhorn, Charlotte J. Mehrtens, and Elhamy A. Tarabees, 2014 Polygonal faults in chalk: Insights from extensive exposures of the Khoman Formation, Western Desert, Egypt, GEOLOGY, June 2014; v. 42; no. 6; p. 479–482.
- Jeff Roden, Mohamed G. Abdelsalam, Estella Atekwana, Gad El-Qady, Elhamy A. Tarabees 2011 Structural influence on the evolution of the pre-Eonile drainage system of southern Egypt: Insights from magnetotelluric and gravity data. Journal of African Earth Sciences 61 (2011) 358–368.

- Barbara Tewksbury, Asmaa A. Dokmak, Elhamy A. Tarabees, Ahmed S. Mansour, 2011. A Previously Unrecognized System of Folds and Related Faults in Stable Platform Limestones of the El Rufuf and Drunka Formations, Western Desert, Egypt. Geological Society of America (GSA) Annual Meeting and Exposition, Minneapolis, Minnesota, USA, 9 - 12 October 2011.
- Ahmed M. Youssef, Biswajeet Pradhan and Tarabees, E., 2010. Integrated Evaluation Of Urban Development Suitability Based On Remote Sensing And GIS Techniques: Contribution From The Analytic Hierarchy Process. Arab Journal of Geosciences, Springer, Published Online February 2010, DOI 10.1007/s12517-009-0118-1
- Tarabees, E. 2008. Geological Tying of Undefinable Tops Through the Construction of Synthetic Seismogram for some Wells Selected in Al Amal Field, Suez Gulf, Egypt. Journal of Applied Science Research 4 (12):2089-2097, 2008.
- Tarabees, E. and Salah S. Azzam 2007. Structural Traps Detection of Rosetta Area, Off-Shore Nile Delta, Egypt, as Deduced from Seismic Reflection Data. Journal of Applied Geophysics, Volume 6, No., 1, March 2007, Pp 89-100.
- Tarabees, E., Tsuno, S. and Kudo, 2007: K. Joint Usage of Array And H/V Measurements of Microtremors for Seismic Microzonation, Journal of Applied Geophysics, Volume 6, No., 2, September 2007, Pp315-322.
- Salah S. Azzam and Tarabees, E. 2006. Seismic Stratigraphic Analysis of Rosetta Area, Off-Shore Nile Delta, Egypt, as Inferred from Seismic Reflection Interpretation. Journal of faculty of education, Vol 31, pp439-456.
- Tarabees E., and Kudo, K., 2004. Simultaneous Analyses of Array Data and H/V of Microtremors for Determining S-Wave Velocity Structure. Bulletin of the International Institute of Seismology and Earthquake Engineering. Vol. 40, Pp. 47-57.

Refereed Conference Publications:

- Barbara J. Tewksbury ; Elhamy A. Tarabees, 2016: Developing International Collaborations to Provide Research Experiences for Students in Africa, SPE/AAPG Africa Energy and Technology Conference 5 - 7 Dec 2016 Safari Park Hotel Nairobi City, Kenya
- Tarabees, E., 2013. Evaluation of ground water potentialities of some vulnerable areas around the Mediterranean Sea coast, Egypt, using 1-D and 2-D inversion of DC resistivity. 125th GSA meeting, Denver, Colorado, USA.
- Tarabees, E., 2011. Application of the velocity-deviation log in determining pore types and permeability trends of nubia S.S formation, in rudeis-sidri area, gulf of suez, Egypt. International meeting "FRAGILE EARTH: Geological Processes from Global to Local Scales and Associated Hazards". Munich, Germany, from 4-7 September 2011
- Barbara Tewksbury, Asmaa A. Dokmak, Elhamy A. Tarabees, Ahmed S. Mansour, Tharwat A. Fattah & Mohamed A. Rashed, 2011. A Previously Unrecognized System of Folds and Related Faults in Stable Platform Limestones of the El Rufuf and Drunka Formations, Western Desert, Egypt. Geological Society of America (GSA) Annual Meeting and Exposition, Minneapolis, Minnesota, USA, 9 - 12 October 2011.
- Tarabees, E., Abdelfatah, T. Elsayed, M., Zahran, E. and Mohamed, M. Geological and Geophysical Investigations for Development of West El-Dabaa Area, North Western Desert, Egypt, 1st International Symposium for the Water, Egypt, Damanshour, May, 2010.

- Tarabees, E., Lansbery, L., Roden, J., El-Qady, G., El-Haddad, A., Atekwana, E. and Hogan, J., Abdelsalam, M. 2009. Reconstructing the geological history of the Egyptian Nile: Aswan - Kom Ombo Phase. IAGA 11th Scientific Assembly, Sopron, Hungary, August 23-30, 2009.
- Tarabees, E., El-Shahat, A. and El-Hady, S. 2009. A preliminary site response in the Nile Delta basin (Egypt) using microtremor H/V spectral ratio. IAGA 11th Scientific Assembly, Sopron, Hungary, August 23-30, 2009.
- Youssef, A. M. and Tarabees, E. 2007. Preliminary Hazard Assessments by Integrating Geophysical and other Different Data Sources, NW Gulf of Suez, Egypt: A GIS Multi Criteria Approach. Proceedings of the 2nd International Conference on the Geology of Tethys. Cairo, Egypt. March, 19-22, 2007.
- Tarabees, E. and Youssef, A. 2006. Geotechnical hazard assessment using geophysical methods and geographic information system. Proceedings of the 6th International Conference on Geology of the Middle East. United Arab Emirates. March 22-24, 2006.
- Tarabees, E., El-Khashab, H., Abu El-Ata, A., Marzouk, I., El-shahat, A., abudeif, A. and Shokry, M. 2005. A seismic Microzonation using Microtremor and Seismic Data, A case study, Sohag, Egypt. Proceedings of the 4th International Conference of Geology of Africa, Assiut, Egypt, November 15-16, 2005. PP. 739-752.

Refereed Journal Publications From Ph.D. Thesis:

- Abu El-Ata, A., El-Khashab, H., Tarabees, E., Abudeif, A., Shokry, M., Abd-El-Rahman, K. and El-Shahat, A., 2005. Geotechnical Considerations for the Foundation Materials of a New Industrial Area, Sohag, Egypt. Bulletin of Applied Geophysics, Egypt, 2005.

Refereed Journal Publications From MSc. Thesis:

- Abu El-Ata, A., El-Khashab, H., Sheble, S. Attia, M. and Tarabees, E., 2002. Stratigraphic Traps Detection of the East Nile Delta, Egypt as Inferred from Seismic Stratigraphic Interpretation. The Egyptian Journal of Geology. Vol. 46/2: pp. 641-662. 2002.
- Abu El-Ata, A., El-Khashab, H., Sheble, S. Attia, M. and Tarabees, E., 2001. Seismic Velocity Analysis of the West Suez Canal Area, Egypt, as Concluded from Well Seismic Velocity Analysis. Al-Azhar bull. Sci. Vol.12, No. 2 (Dec.): PP. 149-174, 2001.
- Abu El-Ata, A., El-Khashab, H., Sheble, S. Attia, M. and Tarabees, E., 2001. Hydrocarbon Potentialities of the South Manzala Area, Egypt, as Deduced from Seismic Reflection Data. Al-Azhar bull. Sci. Vol.12, No. 2 (Dec.): PP. 195-210, 2001.

9. GRANTS/ AWARDS

2016: Bilateral Research Project with Geological Institute, Bulgarian Academy of Science entitled; Sea water intrusion: Modeling the effect of sea level rise on the Nile Delta aquifers for 3 years.

2016: Bilateral Research Project with Geofyzikální ústav AV ČR, v. v. i. (GFÚ), Czech Republic entitled; Study of the ore mineral localities around El-Quaseir, Red Sea, Egypt using modeling of the geomagnetic induction anomaly sources for 3 years.

2015: Visitor Professor for one month in Hamilton College, Clinton, Syracuse, New York, USA

2013: Visitor Professor for one month in Hamilton College, Clinton, Syracuse, New York, USA

2011: Visitor Professor for one month in Hamilton College, Clinton, Syracuse, New York, USA

2010: A Research project with Hamilton Collage and Messouri S&T funded by National Science Foundation entitled; desert eyes: origin and evolution of enigmatic domes and basins in the stable platform of Egypt.

2010: JICA Scholarship to attend a training course in Global Seismological Observations for 2 months at the International Institute of Seismology and Earthquake Engineering (IISEE) Tsukuba, Japan.

2009: An AlexRep Research project funded by Alexandria University for 24 months

2008: A Research project with the University of Messouri – Rolla funded by National Science Foundation: Reconstructing the Geological History of the Egyptian Nile.

2007: Research & Action Grants for Disaster Risk Reduction (Round 3), Innovative action-oriented projects for disaster risk reduction, ProVenton Consortium

2007: Post doctoral fellowship to study in Japan for 3-6 months

2003-2004: JICA Scholarship to get a post graduate diploma in Seismology and Earthquake Engineering, at the International Institute of Seismology and Earthquake Engineering (IISEE) Tsukuba, Japan.

10. ADDITIONAL INFORMATION

THESIS SUPERVISED

- Geophysical and Remote Sensing Study for Groundwater Aquifer at the Area between EL-Dabaa and Fuka, North Western Desert, Egypt (Master).
- Integrated interpretation for the seismic reflection and satellite image data for delineating the subsurface and surface structures of El-Dabaa area in the northern western desert, Egypt (Master).
- Evaluation of the Nubian Sandstone Reservoir at Rudes-Sedr Area, Gulf of Suez, Egypt, Using Well Logs Interpretations (Master).

ATTENDED CONFERENCES

Title	2016 AAPG/SEG International Conference and Exhibition (ICE)
Institute/Training Organization	AAPG/SEG
Place and Date	Barcelona, Span, 3-6 April 2016
Title	GEO2016
Institute/Training Organization	AAPG/SEG
Place and Date	Manama, Bahrain, 6-10 March 2016
Title	Geological Society of America (GSA) Annual Meeting and Exposition
Institute/Training	Geological Society of America

Organization	
Place and Date	Denver, Colorado, USA/ 2013, August 21- 26
Title	Teaching Structural Geology, Geophysics, and Tectonics in the 21st Century
Institute/Training Organization	On The Cutting Edge Project
Place and Date	Tennessee University, Knoxville, USA/ 2012, July 15- 19
Title	Geological Society of America (GSA) Annual Meeting and Exposition
Institute/Training Organization	Geological Society of America
Place and Date	Minneapolis, Minnesota, USA, 9 - 12 October 2011.
Title	Fragile Earth international conference
Institute/Training Organization	Ludwig-Maximilians-Universität München
Place and Date	4-7 September, 2011, Munich, Germany
Title	IAGA 11th SCIENTIFIC ASSEMBLY
Institute/Training Organization	IAGA, SOPRON
Place and Date	SOPRON, HUNGARY, AUGUST 23-30, 2009
Title	2 nd INTERNATIONAL CONFERENCE ON THE GEOLOGY OF TETHYS
Institute/Training Organization	Faculty of Science, Cairo University
Place and Date	Cairo, Egypt / March 18-22, 2007
Title	4 th INTERNATIONAL CONFERENCE OF APPLIED GEOPHYSICS
Institute/Training Organization	National Research Centre, Cairo
Place and Date	Cairo, Egypt / February 18/20, 2007
Title	4 th INTERNATIONAL CONFERENCE OF GEOLOGY OF AFRICA
Institute/Training Organization	Faculty of Science, Assiut University
Place and Date	Assiut, Egypt / November 15-16, 2005
Title	2 nd INTERNATIONAL CONFERENCE OF APPLIED GEOPHYSICS
Institute/Training Organization	Egyptian Society of Applied Petrophysics (ESAP)
Place and Date	Cairo, Egypt / March 12-13, 2005
Title	5 th INTERNATIONAL CONFERENCE OF ASIAN SEISMOLOGICAL COMMISSION
Institute/Training Organization	Asian Seismological Commission (ASC)
Place and Date	Yerevan, Armenia / October 18-21, 2004
Title	INTERNATIONAL CONFERENCE ON STRONG MOTION PREDICTION
Institute/Training Organization	Earthquake Research Institute, University of Tokyo
Place and Date	Tokyo, Japan / June 19-21, 2004
Title	1 st INTERNATIONAL CONFERENCE ON URBAN EARTHQUAKE ENGINEERING
Institute/Training Organization	Tokyo Institute of Technology
Place and Date	Tokyo, Japan / February 2004
Title	INTERNATIONAL CONFERENCE ON VOLCANIC AND SEISMIC DISASTERS
Institute/Training	National Research Institute for Earth Science and Disaster Prevention

Organization	(NIED)
Place and Date	Tsukuba, Japan / September 2003