

**Full Name: Maher Abdel Lateef El Amawy**

**Phone Cell: 0926273148 Benghazi, Libya - 002013 3235299 Egypt**

**E-mail: [maherabdelateef@yahoo.com](mailto:maherabdelateef@yahoo.com))**

### **EDUCATION**

- Ph.D. in structural geology and geotectonics, Al Azhar University, Cairo, Egypt, 1988. Ph.D. thesis topic "Structures and Geotectonics of the Area Limited by the Latitudes 23°30`-24°30`N, South Eastern Desert, Egypt"
- M.sc. in Structural analysis based on surface and subsurface data, Assiut University, Assiut, Egypt, 1982.
- B.sc. in special geology, Tanta University, Tanta, Egypt.

### **POSITIONS**

- **2004-present** Professor in structural geology and geotectonics, Garyounis University, Benghazi, Libya.
- **2003-2004** Professor in structural geology and geotectonics, Banha University, Banha, Egypt.
- **2002-2003** Post-doctoral Academic visitor, Hamburg University, Hamburg, Germany
- **1998-2003** Assistant Professor, Banha Faculty of Science, Zagazig University, Egypt
- **1996-2001** Consultant for determining the locations of underground water in the mountainous areas.
- **1996-2000** Consultant/Collaborator with research Groups at: Ain Shams University, Cairo, Egypt for exploration best localities and analysis of white sands used for the electronic industries.
- **1997-1998** Post-doctoral Academic visitor, Imperial College, London, England
- **1982-1988** Assistant lecturer, Banha Faculty of Science, Zagazig University, Egypt
- **1981-1982** Assistant lecturer, Sohag Faculty of Science, Assiut University, Egypt
- **1976-1981** Demonstrator in Geology Department, Sohag Faculty of Science, Assiut University, Egypt

### **PUBLICATIONS**

About **33 papers** dealt with in:

- **Journal Articles**
- **Presentation at Meetings, Conference and Workshops**

## **RESEARCH and EXPERIENCE**

### **Research interest:**

- Surface geological structural analysis (micro-, meso- and macroscopic folds, faults, foliations, and joints)
- Subsurface structural interpretation based on geophysical data, landsat images and aerial photographs supported elsewhere by surface studies.
- Regional geotectonics.
- Detailed geologic mapping in sedimentary and basement rocks.
- Geologic structural modeling.
- Microtectonics based on oriented rock samples and field observations

## **SELECTED PUBLICATIONS:**

- 1) **El Amawy, M. A.; Muftah, A. M.; Abdel Wahed, M. and Nassar, A. (2008)** Wrench structural deformation in Ras Al Hilal-Al Athrun area, NE Libya: a new contribution in Northern al Jabal Al Akhdar belt. The Third International Conference on the Geology of the Tethys, Aswan, Egypt.
- 2) ) **El Amawy, M.A.; Wetait, M.A. and Mehanna, A. M. (2003)** Geology and Structural analysis of G. Imlig area, Southwest Sinai, Egypt. Egyptian Annals Geol. Surv., Cairo, Egypt.
- 3) **El Amawy, M.A.; Wetait, M.A. and Mehanna, A. M. (2003)** “Structural history, foliation development and metamorphism along the central part of Allaqi-Heinai belt, South Eastern Desert, Egypt. Egyptian Annals Geol. Surv., Cairo, Egypt.
- 4) **Wetait, M.A., El Amawy, M.A., Bekheit, B. and Nagy, B. (2002)** Geology and tectonic evolution of Ribdab-Shashoba area, South Eastern Desert, Egypt. 6<sup>th</sup> International Conf. On the Geology of the Arab World, Cairo University, Egypt, p.281-310.
- 5) **El Amawy, M.A. (2002)** Hamisana horse-tail structure, South Eastern Desert, Egypt: Structural geometry and analysis. 6<sup>th</sup> International Conf. On the Geology of the Arab World, Cairo University, Egypt, p.257-280.
- 6) **El Amawy, M.A., Hamimi, Z. Dardir, W. (2001)** Structural Analysis of Gabal El Gerf and environs, South Eastern Desert, Egypt: An evidence of frontal and oblique thrusting. The second International Conference on the geology of Africa, Vol.II, p. 99-116. Assiut, Egypt.
- 7) **El Amawy, M.A. (2001)** Pan African structures with some emphasis on metamorphic and deformation relationship along the westernmost part of Wadi Allaqi, South Eastern Desert, Egypt”. Egyptian Jour. Geol., v.45, No.1.

- 8) **Mehanna, A.; El Amawy, M.A.; Wetait, M.A. and Soliman, F. (2001) "Petrogenesis and structural analysis of Wadi Zaghra metaconglomerates; the base of metasediments in South Central Sinai, Egypt". Egyptian Jour. Geol., v.45, No.1.**
- 9) **El Amawy, M.A.; Said, M.M.; El Alfy, Z.S. and Abd Allah, M.A. (2001) "Geology and tectonic evolution of Wadi Madi area, South Eastern Desert, Egypt". Egyptian Annals Geol. Surv., Egypt, v.23.**
- 10) **El Amawy, M.A. (1999) "Geology and structural evolution of Umm Radam tectonic window and environs, South Eastern Desert, Egypt". Egyptian Jour. Geol., v.43, No.1, p.181-195.**
- 11) **Mansour, S.; Hamimi, Z. and El Amawy, M.A. (1998) "Geology and structural evolution of Bir Haimur area, South Eastern Desert, Egypt". Egypt. Annals Geol. Surv., Egypt, v.21, p.395-409.**
- 12) **Noweir, A.M. and El Amawy, M.A. (1999) "Geochemistry, metamorphic aureole and structural analysis of Deneibit El Quleib granite pluton and its environ, Wadi Allaqi District, South Eastern Desert, Egypt". Egypt. Annals Geol. Surv., Egypt, v.22, p.27-45.**
- 13) **Noweir, A.M.; El Amawy, M.A. ; Rashwan, A.A. and Abdel Aziz, A.M. (1996) "Geology and structural evolution of the Pan African basement rocks around Wadi Umm Araka, Northeast Wadi Allaqi, South Eastern Desert, Egypt". Egyptian Jour. Geol., v.40, No.2, p.477-512.**
- 14) **El Amawy, M.A. (1997) "Geology, structural evolution and transpression regime of the Pan African basement of Wadi Umm Higlig and environs, Central Eastern Desert, Egypt". Egyptian Jour. Geol., v.41, No.1, p.387-412.**
- 15) **Hamimi, Z.; El Amawy, M. A. and Wetait, M. (1994) "Geology and structural evolution of El Shalul dome and environs, Central Eastern Desert, Egypt". Egyptian Jour. Geol. v. 38, No. 2, p.575-595.**
- 16) **El Amawy, M. A. (1991) "Structural and tectonic development of Wadi Beitan-Wadi Rahaba area, South Eastern Desert, Egypt, Sci. Jour. Menufoia Faculty of science, Menufoia, Egypt".**

#### **CURRENT REARCHES:**

- 1) **El Amawy, M.A. Structural analysis in Jargas Al Abid area, Western Al Jabal Al Akhdar, NE Libya**
- 2) **El Amawy, M.A. "Strike slip tectonics in the South Eastern Desert, Egypt".**
- 3) **El Amawy, M.A. "Deformational history during Cretaceous-Early Tertiary in Egypt".**
- 4) **El Amawy, M.A. "Back thrusting in Hafafit area, Central Eastern Desert, Egypt".**