

Curriculum Vitae

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ADDRESS

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PERSONAL DETAILS

Gender: Male
Social Status: Married
Date of birth: 11/2/1980
Place of birth: Giza, Egypt.

EDUCATION

- **7/2006-2/2011:** Ph.D. in Geology at Cairo University, Egypt. Specialization: Sedimentology and sequence stratigraphy. The project includes the clastic and carbonate sedimentology, facies analysis, subsurface geology, sequence stratigraphy, and basin analysis of the Upper Cretaceous-Paleogene sequences at onshore Nile Delta-North Gulf of Suez -Egypt.
External examiners:
Prof.Dr.Wataru Maejima- Osaka city University- Japan
Prof.Dr. Jochen Kuss- Bremen University- Germany
- **1/2002-6/2006:** M.Sc. in Geology at Cairo University, Egypt. Specialization: Sedimentary rocks and Sedimentation. Thesis: Stratigraphic and Sedimentologic Studies of the Upper Cretaceous-Lower Tertiary red beds

sequences at North Gulf of Suez, Egypt. Principle studies include clastic sedimentology, facies analysis, and sequence stratigraphy.

- **11/2001-11/2002:** Pre-master year in Sedimentary rocks and Sedimentation, Geology Department at Cairo University with Grade “Very Good”.
- **9/1997-6/2001:** Undergraduate Studies in Geology/chemistry at Cairo University, Egypt (Awarded the degree of B.Sc. (General) In Geology – Chemistry with Accumulative Grade "Very Good").

WORK EXPERIENCE

- **8/2014-10/2014:** Geological evaluation of South Disouq block-Nile delta, Sea Dragon-Egypt.
- **11/2012-12/2013:** Geological evaluation and modeling of Komombo basin (Consultant) at Sea Dragon-Egypt. This project includes:
 - ✓ Construction of geological cross-sections and build chronostratigraphic charts.
 - ✓ The log-core- (FMI/XRMI) Borehole image interpretation and integration.
 - ✓ Facies and facies models for the different stratigraphic horizons
 - ✓ Build sedimentologic models for the different reservoirs
 - ✓ Construct sequence stratigraphic framework and sea level curve
 - ✓ Construct reservoir distribution maps
 - ✓ Construct A new object models for the different reservoirs
- **1/2011– Now :** Lecturer for Petroleum geosciences at Cairo University
- **2/2010-1/2011:** Sedimentology and reservoir geology studies for some wells in NW Ghazalat concession (Western Desert) and Al Amir concession (Gulf of Suez) for Vegas Company (Core and Borehole image integration).
- **3/2010-5/2010:** Field leader and technical supervisor for the surface and subsurface geologic studies for Mesaha concession (Melrose Company-Exploration phase).
- **4/2008 -2/2010: Sedimentology and FMI/OBMI interpretation - Schlumberger (Egypt, Sudan, and Syria):**

Egypt

Nile Delta: Reservoir characterization and reservoir geometries and modeling projects based on the FMI Images with core data and Seismic integration projects for more than 30 wells form different fields

Dana Gas such as El Basant-1, El Basant-2, Sama-1, and Marzouk **Rashpetco** wells from (Sequoia, sapphire, Saffron, Scarab, Simian, Serpent, Sinbad channels) in West Delta Deep marine concession, **BG** (El Burg field) and Nalpetco (gasdefrance)

Western Desert: Image interpretation, core integration and reservoir modeling for more than 25 wells for Vegas and Bp.

Gulf of Suez: Reservoir characterization and sedimentologic projects in north shedwan field (Gupco) and northwest October field (Aoc)

Sudan

WNPOC: many wells such as Tawakul-1 and Joknyang N-1.

PDOC: many well such as Rawat-1, Akaff-1, and Rawat c-1.

GNPOC: many wells such as Bamboo AG-1, EL Sandal SW-2, and Azraq SW-2.

Syria

Few wells for **Petrocanada** Company

- **6/2005-4/2008: (Erex consultant): Sedimentologist and Petrographer in varieties of the projects in different sedimentary basins at different areas:**

Egypt

Gulf of Suez: Different projects for the reservoir and petroleum system evaluation for many companies as Petrogulf, Magapetco, Regel.

Western Desert: Reservoir modeling and sedimentology and its application in the development projects in Obeiyed, and NEAG concessions for shell and Bapetco.

Upper Egypt: Surface and subsurface geologic study for the Komombo area for Centurion and Transglobe Petroleum Companies.

Libya

Kufrah basin: Reservoir and sedimentologic studies for Nubia sandstones for Regwa Co.

Sudan

Reservoir characterization, Sedimentologic, and cyclostratigraphic projects for different basins:

Muglad basin: Dokhon-1, Samugh-1, Hiba-1, Khadari-1, Rabah-1, Falah-1 wells for APCO and more than thirteen wells for PDOC.

Blue Nile basin: Jauhara-1 and Farasha-1 wells for WINPOC.

Red Sea: Suakin-1, Suakin-2, South Suakin-1, Digna-1 wells for RSPOC

TRAINING & COURSES (INDUSTRY)

- **12/2013-6/2014:** Instructor for several courses at OGS and EDS
 - Clastic Reservoir Geology
 - Reservoir characterization
 - Carbonate Reservoir Geology
 - Sequence stratigraphy using seismic and logs
- **12/2010:** Instructor for Geology of carbonate reservoirs course for Eni company staff (Yemen).
- **9/2009:** Instructor and trainer for ARAMCO geophysist and geologist staff in the following topics:
 - Seismic and sequence Stratigraphy concepts and applications
 - Sedimentology and its application in oil exploration
 - Borehole images in carbonate domains
- **10/2009:** Fracture modeling using Petrel course at Schlumberger training centre- Cairo (attendance).
- **8/2000-9/2000:** Trainee in General Petroleum Co. (GPC).
- **7/2000-8/2000:** Trainee in Belayium Petroleum Co. (PETROBEL).
- **8/1999-9/1999:** Trainee in Exploration department at BAPETCO.

ACADEMIC CARRIER

- **2011-Now:** Lecturer for petroleum geosciences at Faculty of Sciences - Cairo University

- **2007-2011:** Lecturer assistant for the petroleum geosciences at Cairo University.
- **2002-2007:** Demonstrator at Dept. Of Geology- Faculty of Science, Cairo university.

TEACHING COURSES

Faculty of Science-Geology Department

Undergraduate

- Sedimentary Petrology
- Sequence stratigraphy
- Clastic reservoirs
- Reservoir characterization
- Petroleum Geology I
- Petroleum Geology II
- Basin analysis
- Geology of Egypt I & II

Postgraduate

- Basin analysis
- Reservoir rock typing

Faculty of Art- Geography Department

- Geological mapping

Faculty of Science-Geology Department (Fayoum University)

Undergraduate

- Drilling wells
- Petroleum geology
- Subsurface geology
- Oceanography

Postgraduate

- Petroleum geology
- Advanced reservoir characterization
- Petroleum Oil provinces of Egypt

SUPERVISION

Seven master Thesis

- Geological and geochemical evaluation of the Upper Cretaceous source rock, Sirte Basin, Libya.
- Geological modeling and Reservoir characterization for Scarab Field-offshore West Nile Delta- Egypt.
- Geological modeling for The Messinian Reservoir of El-Basant Development Lease, onshore East Nile Delta- Egypt.
- Geological modelling for The Messinian Reservoir of Disouq area, onshore Central Nile Delta- Egypt.
- Geological modeling for The Messinian Reservoir of Manzala concession, onshore East Nile Delta- Egypt.
- Stratigraphic architectures of the Cenomanian reservoirs, Khalda Ridge, North Western Desert, Egypt.
- Sedimentological and stratigraphic architectures of the Pliocene reservoir, Gelgel Field, onshore East Nile Delta, Egypt.

ACADEMIC TRAINING COURSES

- Research Team Management
- Strategic planning
- Effective Teaching
- Quality assurance in Teaching process
- Effective Presentation
- Credit hour system
- Legal and financial aspects in University Environment
- Student Evaluation
- International Publishing of Research
- Planning of Time and work pressures

LANGUAGE SKILLS

- Arabic: Native
- English: Ibt toefl (71 score)
- Germany: Fair (three undergraduate semesters and pre-master courses)

COMPUTER SKILLS

- Operating systems Windows and Linux
- Microsoft office
- Petrel
- Techlog
- In addition to series of graphic programs such as Corel Draw, Photoshop, and AutoCAD

ACADEMIC ACTIVITIES

- Member in Quality assurance committee (2011-2013)
- Supervisor for IBT project that supported by AAPG (2011-2012)
- Member in scientific society of faculty of science (2007-2008)
- Supervisor on the Rock samples preparation lab (2007-2008)
- Working in Organization Committee of 8th International Conference on the Geology of the Arab World (GAW 8) in February 2006 in Cairo University.
- Working in managing the activities of the 7th International Conference on the Geology of the Arab World (GAW 7) in February 2004 in Cairo University.
- Field Trips:
 - West Central Sinai.
 - Southern Sinai
 - Quesier-Safaga district.
 - Cairo-Suez district
 - Galala Plateau
 - Abu Roash
 - Nile valley from Qena to Aswan
 - Dakhla and Kharga Oasis
 - Shabraweet area
 - WadiNatash&WadiKharit areas (Upper Egypt)
 - Bahariya-Siwa Oasis
 - Banff - Canada

GRANTS & AWARDS

- Highest score in Geology-Chemistry B.Sc. in 2001.

- Best M.Sc. Thesis in Geology in 2006
- Swiss government fellowship in 2007

RESEARCH INTEREST

- Sedimentary basin modeling and its application in exploration and production
- Sequence stratigraphy and its application in exploration and production
- Shelf edge deltas and associated deepwater deposits
- Clastic sedimentology in marine and non-marine rift settings
- Tectonics and Sedimentation
- Physical sedimentology

CITATION OF PUBLICATIONS

- Abu Khadrah A., Darwish M., Mesaed, A. A., and **Selim, S.S. (2007)**: Event stratigraphic framework of the Upper Cretaceous-Lower Tertiary red beds sequences, GabalAtaqa, Gulf of Suez, Egypt. 2nd Int. Conf. Geology of Tethys, Cairo, Egypt. (abst.).
- Darwish M., Abu Khadrah A., Mesaed A. A. and **Selim, S.S. (2007)**: Facies relationships, depositional mechanisms, and sedimentary environmental architecture of the Upper Cretaceous-Lower Tertiary red beds sequences, GabalAtaqa, Gulf of Suez, Egypt. 2nd Int. Conf. Geology of Tethys, Cairo, Egypt. (abst.).
- **Selim S.S.**, El Araby A.A., Darwish, M., and Abu Khadrah A.M.(2012):Transgressive-regressive cycles of the Upper Cretaceous-Paleogene sequences at the North Eastern Desert Basins-Egypt, Geology of Nile Countries Conference- Egypt. (abst.).
- **Selim S.S.**, El Araby A.A., Darwish, M., and Abu Khadrah A.M.(2012):Development and Anatomy of the Middle Eocene clastic wedge-Southern Tethyan Shelf-Egypt. Geoconvention Vision 2012-Calgary- Alberta Canada (extended abstract).
- **Selim S.S.**, Darwish, M., and Abu Khadrah A.M.(2012):Development and Anatomy of the Upper Cretaceous-Paleogene clastic wedge-Southern Tethyan Shelf-West Gulf of Suez, Egypt. In press.

MEMBERSHIP

- AAPG

REFERENCES

Available upon request.