

Mohamed Nassar

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Work Experience

Geology Department, Faculty of Science, Assiut University, Assiut, Egypt.

July 2022 till now, Assistant Lecturer.

May 2017 to June 2022, Research and Teaching Assistant Staff.

- Teaching the following geological practical courses: GIS, Climate Change, Structural Geology, Petroleum Geology, Sequence Stratigraphy & Sedimentary Basin Analysis, Sedimentary Geology and Field Geology.
- Assisting with field department courses in a variety of geological terranes
- Preparing or proctoring examinations, evaluating, and grading examination, assignments, or papers and recording grades.
- Developing teaching material such as syllabi, visual aids, supplementary notes, or course web site.
- Guiding laboratory discussions and supervising laboratory work.

Education

June 2022, M.Sc., Petroleum geology

Faculty of Science, Assiut University, Assiut, Egypt.

CGPA: 3.8 out of 4.00 “distinction with honors”.

Thesis title: **“Integrated Geological Study of The Sandstone Provenance and Fairways For Potential Oligocene Reservoirs in The Nile Delta and Offshore Mediterranean, Egypt”**

July 2016, B.Sc., Major: Petroleum Geology, Minor: Geology.

Faculty of Science, Assiut University, Assiut, Egypt.

CGPA: 3.76 out of 4.00 “distinction with honors”.

Internships

August 2016 to September 2016, General Petroleum company, Nasr city, Cairo, Egypt.

- Learnt different and new aspects of planning of drilling oil and gas wells.
- Learnt duties include recommendations of drilling efforts based on cost, effort and feasibility weighed against returns.

July 2015 to August 2015, Elnasr mining company Assibaiyyah, Edfu, Aswan, Egypt.

- Differentiated between the various phosphate ores based on $P_2O_5\%$ in the ore.
- Studied the most suitable localities to extract the phosphate ore.
- Learnt some safety skills related to mining.
- Learnt about different methods of mining phosphate ore.

June 2015 to July 2015, Agiba Petroleum Company, Nasr city, Cairo, Egypt.

- Used sophisticated technology to locate and analyze oil reserves
- Used different software to determine the quality and potentialities of Oil fields.
- Structural mapping of some fields within the western Desert.
- Calculated different petrophysical aspects of reserving beds.

Conferences

November 2022, 11th edition of International Conference on Geology of Africa (ICGA), in the scientific Organizing committee and as presenter of the opening ceremony, Assiut University, Assiut, Egypt

October 2021, 7th assembly of the Arab Conference on Astronomy and Geophysics, as listener, National Research Institute of Astronomy and Geophysics (NRIAG), Cairo, Egypt.

November 2019, 10th edition of International Conference on Geology of Africa (ICGA), as presenter of the opening ceremony, Assiut University, Assiut, Egypt

Nov 2017, 9th edition of International Conference on Geology of Africa (ICGA), in the scientific Organizing committee and as presenter of the opening ceremony, Assiut University, Assiut, Egypt.

February 2016, 2nd edition of Egypt Petroleum International Conference (EPIC) as a listener, American University in Cairo, Cairo, Egypt.

November 2015, 8th edition of International Conference on Geology of Africa (ICGA), in the scientific Organizing committee, Assiut University, Assiut, Egypt.

Volunteering

Sep 2018 to Sep 2022, **Member** of the higher committee of quality and accreditation of academic education in faculty of science, Assiut University, Egypt.

- The maintained targets are analyzing and aggregating institutional performance data, monitoring performance improvement efforts for effectiveness, and making recommendations to the college council and the departments committee for changes operations.

March 2016 to July 2016, **Member of Scientific Committee** at American Association of petroleum Geologist (AAPG) Student Chapter, Assiut University, Assiut, Egypt.

- The main goal of the student chapter is to raise general awareness of the Geology sciences' students towards a better understanding of Petroleum Geology and other interconnected sciences and to enhance students' overall educational and research experience.
- Assisted the Head in Planning, supervising the implementation and setting timeline and action plan of different projects and phases.
- Maintained harmony between the committee members.

March 2015 to July 2015, **Member of Scientific Committee** at Club of earth and space sciences (CESS) student chapter, Assiut University, Assiut, Egypt.

The main goal of the student chapter is to illuminate students about the vital rule of earth and space sciences.

November 2011 to May 2012, **President** of student union and the cultural committee in high

school Dairut, Assiut, Egypt.

- Set agenda of different meetings and documented their outcome.
- Received training in Presentation and Communication skills, Leadership skills and time management, Crisis management and decision making
- Participated at literature and theater works.

Skills

Technical Skills: XRD, field skills, seismic acquisition, geophysical exploration (SP, IP, gravity, magnetic and electric methods), heavy mineral separation, seismic interpretation, well-log analysis, sequence stratigraphy, structural analysis, and modeling.

Computer Skills: Arc GIS10.8, Elwis 3.4, Petrel SLB, Tech log, interactive petrophysics, Grapher, Google earth pro, surfer, oasis montaj, Sigma Plot, Corel draw, Adobe illustrator, Sed Log, quiet knowledge of Mat Lap, SPSS, and Microsoft office.

Generic skills: Team working; report writing; time management; presentations.

Language Skills:

Arabic	Mother tongue
English	Fluent, written and spoken (IELTS; overall band score of 6.5)
All undergraduates, master and PhD studied in English.	

Awards

- **2013 to 2016, Academic Merit Award**, Faculty of Science, Assiut University, Assiut, Egypt.
- **April 2012**, 7th on literature work from the ministry of education.
DR:Abd El-Rahman Ali Soliman High school, Dairut, Assiut, Egypt.

Publications

“Provenance study of potential Oligocene reservoirs in Nile Delta and offshore Mediterranean”
Arabian Journal of Geosciences “<https://doi.org/10.1007/s12517-022-10051-3>”.

References

Ezzat. A. Ahmed. (Ex. Assiut University president & academic supervisor)

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