

Curriculum Vitae

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Education

- January 2019 **Master of Geology (Structural Geology)**, Faculty of Science, Assiut University, Egypt.
- June 2011 **Bachelor of Geology (Special Geology)**, Faculty of Science, Assiut University, Egypt, **Department Rank: 2nd**

Positions

- March 2019
-Present **Assistant lecturer** at Department of Geology, Faculty of Science, Assiut University, Egypt.
- Febrauray 2013
-december 2018 **Demonstrator** at Department of Geology, Faculty of Science, Assiut University, Egypt.

Projects

- May 2015 Assisted in collecting a PhD data about structural geology and basement including collecting representative oriented samples required for the structural work and detailed field mapping.
- June 2014 Assisted in collecting data about radioactive elements concentrations in the Eastern Desert basement rocks in Egypt.
- June 2011 Studying the hydrocarbon potential in Abu Roash Formation at Abu-gharadig Basin (using geochemical, physical, and palynological methods).

Training

- January 2019 Attended training courses in Faculty and Leadership Development Center (FLDC) of Assiut University about:
- Research ethics.
 - Management of the research team.
 - Communication skills.
- November 2017 Presented an oral presentation entitled “geological and structural implications on the area of Wadi Shait South Eastern Desert, Egypt” at the 9th international Conference on the Geology of Africa, held at the Faculty of Science, Geology department, Assiut University, Egypt.
- October 2016 &
February 2017 Trainer for Children's University at Assiut University of Egypt; this project introduces school children to scientific and critical thinking, creativity, questioning and problem solving through some activities, discussions and experiments.
- January 2015 Attended training courses in Faculty and Leadership Development Center of Assiut University about:
- Strategic planning.
 - How to compete for a research fund.
 - Management of time and conferences.

April 2011	Presented an oral presentation entitled “Basin evaluation for hydrocarbon potential using integrated geochemical, physical, and palynological methods” at the 3 rd International Conference for Young Scientists in Basic and Applied Sciences, held at the Faculty of Science, Assiut University, Egypt.
October 2010	Attended the conference of “Planet Earth: Earth Sciences and Development of Civilization in Major River Basins” held in Luxor, Egypt.
July 2010	Trainee, Egyptian General Petroleum Company (EGPC), a 6-day training including petroleum geology, drilling and well logging lectures in addition to field work which included working-over a productive oil well.

Computer Skills & Software

<i>Geochemistry</i>	Petrograph and IGPET
<i>Structural Geology processing & interpretation</i>	RockWare, Fabric, Stereonet, 3Dem and Geocalculator
<i>GIS</i>	ArcMap, Quantum GIS, Ilwis GIS, Erdas Imagine and Google Earth
<i>Gridding & Mapping</i>	Global Mapper and Surfer software
<i>Statistics</i>	SPSS
<i>Drawing</i>	CorelDraw and PhotoShop
<i>Word & Sheet processing</i>	Microsoft office and TextPad

Languages	Arabic: Mother tongue. English: Very good, written and spoken. French: Basic
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Publications	<p>Khudier, A. A., Paquette, J., Nicholson, K., Johansson, Å., Rooney, T. O., Hamid, S., El-Fadly, M. A., Corcoran, L., Malone, S. J. and Abu El-Rus, M. A. (2021) “on the cratonization of the Arabian-Nubian Shield: constraints from granite gneisses in South Eastern Desert, Egypt”. Journal of Geoscience Frontiers, Doi: https://doi.org/10.1016/j.gsf.2021.101148</p> <p>El-Fadly, M. A. (2019) “Shaitian gneissose granite: a geological record for the crustal evolution in the South Eastern Desert of Egypt”. M.Sc. thesis Submitted for the Department of Geology, Assiut University, Egypt, in partial fulfillment of requirements for the degree of master of science in geology (Structural Geology).</p> <p>El-Fadly, M. A., Hamid, S., Abu-Elrus, M. A. and Khudeir, A. A. (2018) “An inquiry into the structural evolution of the Neoproterozoic Shait granite complex, South Eastern Desert, Egypt”. Journal of Geology, Assiut University, v. 47, no. 2, p. 1-16.</p>
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Fields of Interest	Basement rocks petrology, Geochemistry, Petroleum geology, Structural Geology, geological mapping.
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