

Biography



Prof. Dr. Gehad Mohamed Saleh

Current Position:

Professor of Geology, Nuclear Materials Authority (NMA), Cairo, Egypt.
Vice Head of Research Sector of Geology, Nuclear Materials Authority, Cairo, Egypt.
Supervisor Abu Rasheid - Halayib project, Nuclear Materials Authority, Cairo, Egypt.

Teaching:

Former Professor of Geology Director, Geology Department, Faculty of Science, Damietta University, New Damietta City, Egypt.
(Conduct education of post and under graduate students: Economic geology, Geochemistry of mineral deposits and rocks, Industrial mineralogy, Exploration geology, Geology of ore deposits, Uranium Geology, Basement complex of Egypt, The foundations of minerals and metals Optics, Metamorphic rocks, Geology mines and Search and the article).

Specialty: Uranium Geology, Mantle Petrology, Ore Geology Mineralogy and Geochemistry.

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Qualifications and Graduations:

1997 - Ph.D. Geology (Hard Rocks), El Mansoura University, Egypt.

1993 - M.Sc. Geology (Hard rocks), El Mansoura University, Egypt.

1987 - B. Sc. Special Geology, El Mansoura University, Egypt.

(Grade: with honor degree).

Post-Doctor Fellowship: (2005) in Faculty of Engineering, Department of Earth Sciences, Kyushu University, Fukuoka, Japan.

Memberships:

1- Editorial Board Member: Geomaterials (GM).

- 2- **Editorial Board Member:** International Journal of Material Science (IJMSCI).
- 3- **Editorial Board Member:** Geoinformatics & Geostatistics: An Overview.
- 4- **Editorial Board Member:** Standard Global Journal of Geology and Explorational Research (SGJGER).
- 5- **Editorial Board Member:** Journal of Engineering Geology and Hydrogeology.
- 6- Chairmen:
 - 1- Prof. Dr. Gehad M. Saleh - Egyptian Nuclear Materials Authority
10 th International Conference On Future Horizon Of Environmental Sustainable Development in Arab Countries and Facing the Challenges Sharm El-Sheikh, 21-24/12/2013. Session (3)
Renewable Energy & Environmental Development
Sunday, 22/12/2013.

Academic Awards:

- 1- Seventh Arab Conference on the Peaceful Uses of Atomic Energy, Sanaa, Yemen, (2004).
- 2- Participated in and completed the regional training course on development, implementation and regulation of exploration programmes for uranium mineral resources. Held in Lilongwe, Malawi, (2010). Including the following main topics: (uranium geology, Ground based exploration, Airborne exploration, Analytical tools in exploration, Data reporting, Phasing of exploration to development and mining, Discussion of exploration case histories).
- 3- Technical Meeting on Uranium as a By-product and Co-product with an Emphasis on Base and Precious Metal and Related Deposits, Vienna, Austria, (2014).

Nationality: Egyptian.

Supervision of the Theses: 7 = Ph.D and 5 = M.Sc.

Selected List of Publications:

1. Saleh GM, Kamar MS, Rashed MA and El-Sherif AM (2015): Uranium Mineralization and Spectrometric Prospecting along Trenches of Um Safi area, Central Eastern Desert of Egypt. Geoinformatics & Geostatistics: An Overview 3:1.
2. M. El Ahmady, K. Watanabe, G. M. Saleh and W. S. Ibrahim (2015): Abu Rusheid lamprophyre dikes, South Eastern Desert, Egypt: as physical-chemical traps for REEs, Zn, Y, U, Cu, W, and Ag. Arab J Geosci. DOI 10.1007/s12517-015-1882-8.
3. L.A Yousef and G.M.Saleh (2014): Uranium (VI) Removal from Flood Water Using Trioctyl Amine (TOA), At Abu Rusheid Area, South Eastern Desert, Egypt. IOSR Journal of Applied Chemistry (IOSR-JAC), Vol. 7, Issue 7 Ver. III. (July. 2014), PP 05-14.

4. A. M. El Mezayen, G.M. Saleh, H.M.El Desoky, B.M.Khalil and A.M. Samy (2014): Mineralogical and chemical studies on some minerals used in pharmaceutical industries in Egypt. *Az. J. Pharm Sci.* Vol. 50, pp. 179-188.
5. Gehad M. Saleh, Doaa A. Mostafa¹, Mostafa E. Darwish¹ and Ibrahim A. Salem (2014): Gabal El Faliq Granitoid rocks of the Southeastern Desert, Egypt: Geochemical constraints, mineralization and Spectrometric Prospecting. *Standard Global Journal of Geology and Explorational Research* Vol 1(1): 009- 026.
6. G. M. Saleh, S. A. Abdallah, A. A. Abbas, N. A. Dawood and M. A. Rashed (2012): Uranium mineralizations of Wadi Sikait mylonites, Southeastern Desert, Egypt. *Journal of Geology and Mining Research* Vol. 3(5), pp. 86 - 104, August 2012.
7. H.M.El Desoky and G.M. Saleh (2012): Petrological and mineralogical characterization of listwaenite from the proterozoic Wadi Garf Ophiolite, South Eastern Desert, Egypt: An implication for mobility of elements during listwaenitization. *Egyptian Journal of Geology*, Vol., 56, pp. 433-456.
8. M. E. Ibrahim, G. M. Saleh and W. S. Ibrahim (2011): Low grade metamorphosed sandstone-type uranium deposit, Wadi Sikait, South Eastern Desert, Egypt. *Journal of Geology and Mining Research* Vol. 2(6), pp. 129-141, November 2010.
9. M. E. Ibrahim, G. M. Saleh, N. A. Dawood and G.M. Aly (2010): Ocellar lamprophyre dyke bearing mineralization, Wadi Nugrus, Eastern Desert, Egypt: Geology, mineralogy and geochemical implications. *Journal of Geology and Mining Research* Vol. 2(4), pp. 74–86, September 2010.
10. Ibrahim, M.E., El Tokhi, M.M., Saleh,G.M and Hassan, M.A. (2007): Geochemistry of lamprophyres associated with uranium mineralization, Southeastern Desert,Egypt.*Chinese Journal of Geochemistry*, Vol.26,No.4. p.356-365.
11. Dawood, Y.H.,Saleh,G.M.and Abd El-Naby, H.H, (2005): Effects of hydrothermal alteration on geochemical characteristics of El Sukkari granite, Central Eastern Desert,Egypt. *Interational Geolgy Review*,Vol.47,P.1316-1329.
12. Ibrahim,M.E,Saleh,G.M, Ibrahim,H.I,Mostafa,M.S,Azab,M.S,Darwish,H.M,A sran,H.M. and Ibrahim,T.A.,(2005): Spectrometric and geochemical characteristics of um doweila bostonite, Southeastern Desert, Egypt. 9th MPM Conferece, faculty of engineering, cairo university, Egypt.P.1-13.
13. Saleh,G.M, Ibrahim, H.I, Azab, M.S, Abd El Wahed, A.A, Ragab, A.A. and, Ibrahim, M.E., (2004): Geologic and spectrometric studies on Um Domi phanerozoic trachyte plug, Southeastern Desert, Egypt.6 th Intern. Conf. On Geochemistry, Aex. Univ. Egypt. P. 329-345.
14. Ibrahim, M.E, Saleh, G.M, Ibrahim, H.I, Azab M.S., Khamies, A.A, Oraby, F., Abu EL Hassan, E.A., and Ragab, A.A.,(2004): Geologic and ground spectrometric prospecting of the Abu Rusheid - Sikeit shear zones, Southeastern Desert, Egypt. 7th Arab Conference on the peaceful uses of Atomic Energy, Sanaa, Yemen, 1-30.
15. Abd El-Naby, H.H, and Saleh, G.M.(2003): Radioelement Distributions in the Proterozoic Granites and Associated Pegmatites of Gabal El Fereyid Area, Southeastern Desert, Egpt. *Applied Radiation and Isotopes*. Vol. 59,p.289-299.
16. Saleh, G.M.(2002): Neoproterozoic volcanism at Um Shilman-Um Dubr area, Southeast Aswan, Egypt: Geology, geochemistry and tectonic environment of the the Dokhan Volcanic formation.*N.Jb.Miner.Abh.*Vol.177/3.p321-347.

17. Saleh, G.M., Dawood, Y.H., and Abd El Naby, H.H, (2002): Petrological and geochemical constraints on the origin of the granitoid suite of the Homret Mikpid area, Southeastern Desert, Egpt. Journal of Mineralogical and Petrological Sciences, (Japan) Vol.97, p.47-58.
18. Saleh, G.M. (2001): Evolution of Pan-African A- and I- Type granites from southeastern Egypt: Inferences from Geology, geochemistry and mineralization. International Geology Review, Vol.43, P.548-564.
19. Ibrahim, M.E., Saleh, G.M. and Abd El-Naby, H.H, (2001): Uranium mineralization in the two mica granite of Gabal Ribdab area, Southeastern Desert, Egypt. Applied Radiation and Isotopes. Vol. 55, p. 861-872.
20. El Tokhi, M.M. and Saleh, G.M. (2001): The evolution of Pan-African Aswan-Type rapakivi granite, geochemical evidences from the south Eastern Desert of Egypt. Egyptian Journal of Geology, Vol. 45/IA, P. 295-307.
21. Abd El Naby, H.H, Dawood, Y.H., and Saleh, G.M. (2000): Pan-African younger granitoid Magmatism in the Gabel Homr Akarem area, South Eastern Desert, Egypt: Geochemistry and petrogenetic Implications. Chemie der Erde (Geochemistry), Vol. 60, p. 251-267.
22. Ibrahim, M.E., Assaf, H,S and Saleh, G.M. (2000): Geochemical Alteration and spectrometric analyses in Abu Rusheid Altered uraniferous gneissose granites, South Eastern Desert, Egypt, Chemie der Erde (Geochemistry). Vol. 60, p. 173-188.
23. Assaf, H.E., Ibrahim, M.E., Zalata, A.A., El Metwally, A.A. and Saleh, G.M. (2000): Polyphase folding in Nugrus-Sikeit area, South Eastern Desert, Egypt. Journal of King Abdulaziz Earth Sciences. V.12, 1-16.
24. El Gamili, M.M, Younis, S.A., Ibrahim, M.E., and Saleh, G.M. (2000): Wadi Sikeit, The Ancient Emerald Mine Sites, Egypt: A Geo-Archaeological Investigation. Annals du service Des Antiquites De L'Egypt. p. 229-244.
25. Ibrahim, M.E., Amer, T.E., and Saleh, G.M. (1999): New occurrence of some Nuclear Materials and gold mineralization at Wadi Sikeit area, South Eastern Desert, Egypt. First Seminar on Nuclear Raw Materials and Their Technology, Cairo, Egypt. p. 271-286.

Scientific Projects:

(Involved with the research team of geological projects)

1. Mineral Resources Estimations in the Cataclastic rocks of Abu Rusheid area, South Eastern Desert, Egypt (2013). Head of Abu Rusheid - Halaib project.
2. Uranium mineralization and Evaluation of Ores in the cataclastic rocks of Abu Rusheid area, South Eastern Desert, Egypt (2012). Head of Abu Rusheid - Halaib project.
3. Uranium reserve evaluation and Rare Metals of Abu Rusheid, Southeastern Desert, Egypt (2011). Head of Abu Rusheid - Halaib project.
4. Uranium potentiality of Abu Rusheid area, Southeastern Desert, Egypt (2010). Head of Abu Rusheid - Halaib project.
5. Geologic and uranium mineralization in peraluminous leucogranites of Wadi Nugeus, Southeastern Desert of Egypt (2009).
6. Geochemical evaluation for trace elements associated with low grade metamorphosed sandstone type uranium deposit at Wadi Sikait, Southeastern Desert of Egypt (2008).

7. Lamprophyre bearing mineralization in Abu Rusheid, Southeastern Desert, Egypt (2008).
8. Detailed spectrometric prospecting and chemical alteration of El Atshan bostonites sill central eastern desert, Egypt (2005).
9. Uranium and the associated rare metals potentialities of Abu Rusheid brecciated shear zone, Southeastern Desert, Egypt (2002 - 2004).
10. Preliminary report on the evaluation of some sites nuclear ores in Halaib - W. Allaqi area, Southeastern Desert, Egypt (2003).
11. Uranium potentiality of Um Ara area, Southeastern Desert, Egypt (2002).
12. Geological and mineralogical studies on the radioactive mineral occurrence at Qash Amir area, Southeastern Desert, Egypt (2000).
13. Geology and radioactivity of G. El Fariad area, Southeastern Desert, Egypt (1999).