



CV of Prof. Amr Said Deaf

Geology Department, Assiut University, Egypt



1. Personal data

Name: Amr Said Abdel Rahman Deaf

Date of Birth: 18/12/1975

Place of Birth: Beni Sweif, Egypt

Marital status: Married, 3 children



2. Current Position

Professor (Stratigraphy and Palaeontology) – Geology Department, Faculty of Science, Assiut University, Egypt

3. Contact

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SciVal: <https://www.scival.com/trends/authors/table?uri=ResearchArea/1907>

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Research Gate account: https://www.researchgate.net/profile/Amr_Deaf

Google Scholar account:

https://scholar.google.com/eg/citations?hl=en&view_op=list_works&gmla=AJsN-F5wsxlRhgtjKCOLS6Za1zYc2i3bOPCISzFz0ZxWDGkV9nc7LGPx7ezZvusy0J3eScnnYulziQnDbBXKkXMCSbaDMZkEkg&user=EhaY3tQAAAAJ

4. Academic Degrees

1st academic degree: BSc in Science (Geology)

Name and place of University: Assiut University, Egypt

Date of certificate: June 1997 “Very Good cumulative grade”

2nd academic degree: MSc in Science (Geology)

Specialism: Geology (Stratigraphy and Palaeontology)

Name and place of University: Assiut University, Egypt

Date of certificate: February 2003

Name of the MSc Thesis: Palynological studies on some Cretaceous rocks in Northern Egypt

3rd academic degree: PhD in Palaeoceanography & Palaeoclimate

Specialism: Palynology and Hydrocarbon Exploration

Name and place of University: Faculty of Engineering, Science and Mathematics, School of Ocean and Earth Sciences, University of Southampton, UK

Date of certificate: March 2010

Name of the PhD Thesis: Palynology, palynofacies and hydrocarbon potential of the Cretaceous rocks of northern Egypt

5. Academic positions

Professor (with Scientific Distinction) – Geology Department, Faculty of Science, Assiut University, Egypt	2023-Now
Associate professor – Geology Department, Faculty of Science, Assiut University, Egypt	2018-2023
Lecturer – Geology Department, Faculty of Science, Assiut University, Egypt	2010-2018
Assistant Lecturer – Geology Department, Faculty of Science, Assiut University, Egypt	2003-2010
Demonstrator – Geology Department, Faculty of Science, Assiut University, Egypt	1997-2003

6. Research interest

- Micropaleontology (palynology), lithostratigraphy, and biostratigraphy.
- Oceanography, paleoecology, paleoclimatology.
- Regional geology and provenance of sedimentary rocks.
- Petroleum exploration:

- a) Organic petrography and geochemistry of sedimentary organic matter.
- b) Thermal maturation studies and source rock evaluation.
- c) Sequence stratigraphy.

7. Impact of scientific research

1. **Web of Science:** 29 Documents, H-index (14), sum of times cited (541), citing articles (365), verified peer reviews (20), verified editor records (1).
2. **Google Scholar:** 46 Documents, HI (24), total citations (875).
3. **Scopus:** 28 Documents, HI (16), total citations (605) by 390 documents.
4. **Research Gate:** HI (20), total research interest (774.9), total citations (926), recommendations (235), and reads (20,730).

8. Scientific reviewing

Journal Reviewer	Publisher
1. Review of Palaeobotany and Palynology	Elsevier
2. Journal of African Earth of Sciences	Elsevier
3. Cretaceous Research	Elsevier
4. Alcheringa (Australian Journal of Palaeontology)	Taylor & Francis
5. Neues Jahrbuch für Geologie und Paläontologie	Schweizerbart Science Publishers
6. Geosphere	The Geological Society of America
7. Arabian Journal of Geosciences	Springer Nature Switzerland AG
8. Solid Earth Sciences	Elsevier
9. Geological Journal	Wiley
10. Marine and Petroleum Geology	Elsevier
11. Journal of Petroleum Science and Engineering	Elsevier
12. Petroleum Science and Technology	Taylor & Francis
13. Journal of Petroleum Exploration and Production Technology	Springer Nature Switzerland AG
14. Eng	MDPI
15. Frontiers in Earth Science	Frontiers Media S.A.
16. Energies	MDPI
17. Journal of Petroleum Geology	Wiley
Journal Guest Editor	Publisher
1. Frontiers in Earth Science (Guest Editor)	Frontiers Media S.A.
2. Euro-Mediterranean Journal for Environmental Integration (Guest Editor)	Springer Nature Switzerland AG
3. Journal of African Earth Sciences (Associate Editor)	Elsevier
4. Member of Publication Committee of MENA Earth Science Congress (MESOC) (Guest Editor)	28-29 Apr 2026 in ROMA EVENTI - FONTANA DI TREVII, Italy

9. Membership of scientific committees

- Egyptian Geological Society
- Egyptian Paleontological Society
- American Association of Stratigraphic Palynologists (AASP)

10A. Papers presented in scientific conferences

18. **Deaf, A.S.**, Gentzis, T., Khalaf, M.M. (2024): Organic petrography/geochemistry and sequence stratigraphy of the post-rift Aptian mixed clastic-carbonate deposits in southern Tethys (Matruh Basin, northwestern Egypt): depositional settings and hydrocarbon prospect. The Twelfth International Conference on the Geology of Africa, 6-7 November 2024, Assiut University, Egypt. Geology Department, Faculty of Science, Assiut University, Abstract Book, p. 156.

17. Mohamed, A.A., Omran, A.A., **Deaf, A.S.**, Ali, A.M. (2024): Integrated geophysical and geological evaluation of the Upper Cretaceous Abu Roash "F" Member, Azhar Oilfield, Beni Suef Basin, Egyptian Western Desert as a potential carbonate hydrocarbon source rock. The Twelfth International Conference on the Geology of Africa, 6-7 November 2024, Assiut University, Egypt. Geology Department, Faculty of Science, Assiut University, Abstract Book, p. 150.

16. **Deaf, A.S.** (2024): Applications of integrated organic petrographic/geochemical, and sequence stratigraphic analyses in appraisal of conventional and unconventional hydrocarbon resources. China International Oil and Gas Exploration Technology Annual Conference, 21-23 August, Beijing, China. *Invited Speaker.*

15. **Amr S. Deaf**, Abubakr Maky, Awad A. Omran, and Eman Zain El-Arab (2020): Integrated palynological, geochemical, and well logging analyses to evaluate the source rock potential of the Middle Jurassic upper Khatatba Formation in Matruh Basin, northwestern Egypt. The 13th International Geological Conference (SSG 2020), 3 - 5 March 2020, Jeddah, Saudi Arabia.

14. Thomas Gentzis, Humberto Carvajal-Ortiz, Sameh S. Tahoun, **Amr Deaf**, and Seare Ocubalidet (2018): Hydrocarbon Potential Evaluation for the Kharita Formation (Albian) in the Abu Gharadig Basin, Western Desert, Egypt. Conference: 35th TSOP Annual Meeting in Beijing, China, August 17th-21st 2018. (Extended Abstract)

13. **Amr S. Deaf**, Sameh S. Tahoun, Thomas Gentzis, Humberto Carvajal, Ian C. Harding, John E. A. Marshall, and Seare Ocubalidet (2018): Exceptional Hydrocarbon Source Rock of the Conventional (Albian) Kharita Formation Reservoir in Matruh Basin, North Western Desert of Egypt: A broader perspective. Conference: 35th TSOP Annual Meeting in Beijing, China, August 17th-21st 2018. (Extended Abstract)

12. Mahmoud, M.S., **Deaf, A.S.**, Tamam, M.A., and Khalaf, M.M. (2017): Revised palynostratigraphy of the lower Cretaceous succession of the Minqar-1X well, north Western Desert, Egypt. The Ninth

International Conference on the Geology of Africa, 7-9 November 2017, Assiut University, Egypt. Geology Department, Faculty of Science, Assiut University, Abstract Book, Part I, p. 42.

11. Tahoun, S.S., **Deaf, A.S.**, Gentzis, T., and Carvajal-Ortiz, H. (2017): Exceptional hydrocarbon source rock of the conventional (Albian) Kharita Formation reservoir in Matruh Basin, northern Western Desert of Egypt. AAPG Datapages/Search and Discovery Article #90291 ©2017 AAPG Annual Convention and Exhibition, April 2 – 5, 2017, Houston, Texas, USA.

10. Gentzis, T., Carvajal-Ortiz, H., **Deaf, A.S.**, and Tahoun, S.S. (2016): Hydrocarbon source potential in the Jurassic Matruh Basin, north Western Desert, Egypt. The Joint Meeting TSOP – AASP – ICCP, September 18 – 23, 2016, Houston, Texas, USA.

9. Tahoun, S.S., **Deaf, A.S.**, Gentzis, T., and Carvajal-Ortiz, H. (2016): Classical Thermal Maturity Indices vs. Novel RGB-based Maturity Index: Calibration Practices and Correlation. The Joint Meeting TSOP – AASP – ICCP, September 18 – 23, 2016, Houston, Texas, USA.

8. **Deaf, A.S.**, Harding, I.C., and Marshall, J.E.A. (2016): Palynofacies analysis, thermal maturation, burial history reconstruction, and source rock evaluation of the Cretaceous successions in the Abu Tunis 1X borehole, northern Western Desert, Egypt. 1st International Conference on the Future of Energy, Geology, and Environment (EGE), 3-4 April, 2016. National Research Centre, Egypt (NRC), Cairo, Egypt. NRC, Egypt, Abstract Book, p. 61.

7. Mahmoud, M.S., **Deaf, A.S.**, Tamam, M.A., and Khalaf, M.M. (2015): Palynofacies analysis and paleoenvironmental reconstruction of the Upper Cretaceous interval in Salam-60 well, northern Western Desert, Egypt. The Eighth International Conference on the Geology of Africa, 24-26 November 2015, Assiut University, Egypt. Geology Department, Faculty of Science, Assiut University, Abstract Book, Part VII, p. 78.

6. **Deaf, A.S.**, Harding, I.C., and Marshall, J.E.A. (2015): Palynostratigraphy of some Cretaceous rocks of the BB80-1 borehole, offshore Western Abu Darag Basin, Gulf of Suez, Egypt. 2nd International Congress on Stratigraphy, STRATI 19-23, July 2015, Graz, Austria. Berichte des Institutes für Erdwissenschaften, Karl-Franzens-Universität Graz, Band 21, p. 79.

5. **Deaf, A.S.** (2013): Palynological studies of a lower Cretaceous sequence from central Matruh Basin, northern Western Egypt with emphasis on first Egyptian quantitative early Cretaceous palynofloral distributions in the pre-Albian *Dicheiropollis*/*Afropollis* Phytogeographic Province. The Seventh International Conference on the Geology of Africa, 24 – 26 November 2013, Assiut University, Egypt. Geology Department, Faculty of Science, Assiut University, Abstract Book, Part VI, p. 78.

4. Mohamed, M.A. and **Deaf, A.S.** (2011): Basin evaluation for hydrocarbon potential using integrated geochemical, physical, and palynological methods: A review article. The 3rd Scientific Conference for

Young Researchers: Basic Science and Technology (SCYR), 19-20 April 2011, Assiut University, Egypt. Faculty of Science, Assiut University, Abstract Book, Part VII, p. 206.

3. **Deaf, A.S.**, Harding, I.C., and Marshall, J.E.A. (2008): Palynostratigraphy, palynofacies analysis and depositional environments of clastic lower Cretaceous sediments from the northern Western Desert, Egypt. The 12th International Palynological Congress and 8th International Organization of Palaeobotany Conference (IPC/IOPC), August 30-September 5, 2008, Bonn University, Bonn, Germany. GeoUnion Alfred-Wegener-Stiftung, Berlin, Germany, Terra Nostra 2008/2, p. 59.

2. Mahmoud, M.S., Soliman, H.A., and **Deaf, A.S.** (2003): Palaeoecological Significance of Pteridophyte-Arucaroid Acme in the Lower Cretaceous Sequence of the Siqifa 1-X Borehole, north Western Egypt. The Third International Conference on the Geology of Africa, 7-9 December, 2003, Assiut – Egypt.

1. Soliman, H.A., Mahmoud, M.S., and **Deaf, A.S.** (2002): Lower Cretaceous Palynofloras from the Matruh Basin Sequence, north Western Desert. 40th Annual Meeting of the Geological Society of Egypt, 14-17 December, 2002, Cairo-Egypt.

10B. Published papers

35. Mohamed, A., Omran, A., **Deaf, A.**, Shakkar, A. (2025): Organic richness and thermal maturation of the F and G members of the Abu Roash Formation in Central Beni Suef Basin, Western Desert, Egypt: Integrated organic geochemical and geophysical approaches. ***Assiut University Journal of Multidisciplinary Scientific Research (AUNJMSR)***, 54(3): 416-433.

34. Tchouatcha, M.S., Mbesse, C.O., Mahmoud, M.S., **Deaf, A.S.**, Ntem, J.N.E., Khalaf, M.M. (2025): First evidence of Campanian-Maastrichtian shallow marine deposits from eastern Atlantic margin (Douala Basin, Cameroon): Palynological and sedimentological approaches. ***Geosystems and Geoenvironment***, 4(4): 100421

33. El Hussieny, M.A.T., Mahmoud, M.S., **Deaf, A.S.** (2025): Neogene palaeoenvironments and hydrocarbon potential in the Nile Delta, Egypt: Palynological evidence from an onshore well. ***Palaeoworld***, 34(5): 200966. (IF: 1.7, Q1)

32. Mahmoud, M.S., **Deaf, A.S.**, El Hussieny, M.T. (2024). Neogene–Quaternary paleoenvironments and kerogen assessment of the NDO B-1 well, offshore Nile Delta, Egypt, Eastern Mediterranean: palynological evidence. ***Acta Geologica Polonica***, (IF: 1.1, Q3)

31. Edress, N.A.A., **Deaf, A.S.**, El-Moghazy, A.F. (2024). Geochemical investigations of the source rock intervals of the Oligocene Tineh Formation, offshore Nile Delta, Egypt. ***Frontiers in Scientific Research and Technology***, 10(2024):18-30.

30. Fello, N.M., **Deaf, A.S.**, Leila, M. (2024). Petroleum Geology of North Africa. In: Z. Hamimi et al. (eds), *The Geology of North Africa, Regional Geology Reviews*. Springer-Nature.
29. Ali, W.A., **Deaf, A.S.** & Mostafa, T. (2024): 3D geological and petrophysical modeling of Alam El-Bueib Formation using well logs and seismic data in Matruh Field, northwestern Egypt. ***Scientific Reports***, 14:6849. (IF: 4.6, Q1)
28. Asmaa F. El-Moghazy, **Amr S. Deaf**, Nader A.A. Edress (2023): Integrated organic, inorganic geochemical and palynofacies analyses to characterize the paleoenvironment of the Tortonian (Late Miocene) Wakar Formation, offshore Nile Delta, Egypt, ***Marine and Petroleum Geology***, 156 (2023): 106456. (IF: 4.2, Q1)
27. Aljahdali, M.H., **Deaf, A. S.**, Gentzis, T., Bantan, R.A., Abu-Zied, R.H., Carvajal-Ortiz, H., Khalaf, M.M. (2023). Organic petrographic, geochemical, and sequence stratigraphic analyses for evaluating the hydrocarbon potential of Middle Jurassic–Lower Cretaceous rocks in Shushan Basin, northwestern Egypt. ***Frontiers in Earth Science***, 11. (IF: 2.9, Q2)
26. **Amr S. Deaf**, Awad A. Omran, Eman S. Zain El-Arab, Abubakr F. Maky (2022): Integrated organic geochemical/petrographic and well logging analyses to evaluate the hydrocarbon source rock potential of the Middle Jurassic upper Khatatba Formation in Matruh Basin, northwestern Egypt. ***Marine and Petroleum Geology***, DOI: <https://doi.org/10.1016/j.marpetgeo.2022.105622> (IF: 4.348, Q1).
25. **Amr S. Deaf**, Maher I. El Soughier, Thomas Gentzis, Walid Makled (2021): Hydrocarbon source rock potential of the Lower Eocene carbonates from the Abu Darag sub-basin, Gulf of Suez, Egypt: Integrated organic geochemical and petrographic analyses. ***Marine and Petroleum Geology***, 132 (2021):105235. (IF: 4.348, Q1).
24. **Amr S. Deaf** (2021). Sequence stratigraphy and distribution of organic-rich Lower Cretaceous mixed clastic-carbonate strata in Matruh Basin, northwestern Egypt: constraints on the Tethyan sea level changes, palaeoclimate, and tectonics. ***Marine and Petroleum Geology***, 129 (2021): 105105. (IF: 4.348, Q1).
23. Milan Stafford Tchouatcha, Arnaud Patrice Kouske, **Amr Said Deaf**, Arthur Paterne Mioumnde (2021): Geochemical, mineralogical and sedimentological analyses of reworked sediments (new) in the syn- to post-rift Middle Cretaceous-Quaternary detrital deposits from western Atlantic margin of Cameroon: Evidence from sedimentation-erosion alternation in the context of passive margin evolution. ***Acta Geochimica*** (Accepted). (IF: 1.080, Q3)
22. Milan Stafford Tchouatcha, Arnaud Patrice Kouske, Arthur Paterne Mioumnde, **Amr Said Deaf**, Timoleon Ngnotue (2021): Provenance and paleoenvironmental significance of the Cretaceous 1 calcareous deposits from the Djerem sub-basin (Adamawa, Cameroon) 2 during the Gondwana evolution: Sedimentary structures and geochemical 3 constraints. ***Comptes Rendus Geoscience*** (Accepted). (IF: 1.91, Q2)

21. **Amr S. Deaf**, Sameh S. Tahoun, Thomas Gentzis, Humberto Carvajal-Ortiz, Ian C. Harding, John E. A. Marshall, and Seare Ocubalidet (2020): Organic geochemical, palynofacies, and petrographic analyses to study the hydrocarbon potential of the Kharita Formation (Albian) in the Matruh Basin, northwestern Egypt. *Marine and Petroleum Geology*, 122 (2020):104087. (IF: 4.348, Q1)

20. **Amr S. Deaf**, Ian C. Harding, John E.A. Marshall (2020): Cretaceous (Hauterivian–Cenomanian) palaeoceanographic conditions in southeastern Tethys (Matruh Basin, Egypt): implications for the Cretaceous climate of northeastern Gondwana. *Cretaceous Research*, 106: 104229. (IF: 2.172, Q1)

19. Gentzis, T., Carvajal-Ortiz, H., Tahoun, S.S., **Deaf, A.S.**, Ocubalidet, S. (2019): Organic facies and hydrocarbon potential of the early-middle Albian Kharita Formation in the Abu Gharadig Basin, Egypt, as demonstrated by palynology, organic petrology, and geochemistry. *International Journal of Coal Geology*, 209, 27–39. (IF: 5.330, Q1)

18. Mahmoud, M.S., **Deaf, A.S.**, Tamam, M.A., Khalaf, M.M. (2019): Revised (miospores-based) stratigraphy of the Lower Cretaceous succession of the Minqar-IX well, Shushan Basin, north Western Desert, Egypt: Biozonation and correlation approach. *Journal of African Earth Sciences* 151, 18–35. (IF: 1.633, Q3)

17. Tarek F. Mostafa, **Amr S. Deaf**, Maher I. El Soughier, and Walid A. Makled (2019): Palynostratigraphy and paleoecology of a Lower Cretaceous (upper Barremian–lower Aptian) succession in the Shushan Basin, northwestern Egypt: inferences on intra- and inter-basinal correlations. *Neues Jahrbuch für Geologie und Paläontologie*, 294/2, 177-195. (IF: 0.778, Q4)

16. Tahoun, S.S., **Deaf, A.S.**, Gentzis, T., Carvajal-Ortiz, H. (2018): Modified RGB-based Kerogen Maturation Index (KMI): Correlation and Calibration with Classical Thermal Maturity Indices. *International Journal of Coal Geology*, 190, 70–83. (IF: 4.130, Q1)

15. Thomas Gentzis, Humberto Carvajal-Ortiz, **Amr S. Deaf**, Sameh S. Tahoun (2018): Multi-proxy approach to screen the hydrocarbon potential of the Jurassic succession in the Matruh Basin, North Western Desert, Egypt. *International Journal of Coal Geology*, 190, 29–41. (IF: 4.130, Q1)

14. Tahoun, S., **Deaf, A.S.**, Ied, I.M. (2018): The use of cyclic stratigraphic pattern of peridinioid and gonyaulacoid dinoflagellate cysts in differentiating potential thick monotonous carbonate reservoirs: A possible ecostratigraphic tool under test. *Marine and Petroleum Geology*, 96, 240–253. (IF: 3.538, Q1)

13. **Deaf, A.S.**, Tahoun, S.S. (2018): Integrated palynological, organic geochemical, and sequence stratigraphic analyses of the middle to upper Cenomanian hydrocarbon reservoir/source Abu Roash “G” Member: a depositional model in northwestern Egypt. *Marine and Petroleum Geology*, 92, 372–402. (IF: 3.538, Q1)

12. Tahoun, S.S., **Deaf, A.S.**, Mansour, A. (2017): Palynological, palaeoenvironmental and sequence stratigraphical analyses of a Turonian-Coniacian sequence, Beni Suef Basin, Eastern Desert, Egypt: implication of *Pediastrum* rhythmic signature. ***Marine and Petroleum Geology***, 88, 871–887. (IF: 3.281, Q1)
11. Mahmoud, M.S., **Deaf, A.S.**, Tamam, M.A., and Khalaf, M.M. (2017): Palynofacies analysis and palaeoenvironmental reconstruction of the Upper Cretaceous sequence drilled by the Salam-60 well, Shushan Basin: Implications on the regional depositional environments and hydrocarbon exploration potential of north-western Egypt. ***Revue de Micropaléontologie***, 60, 449–467.
10. Tahoun, S.S., **Deaf, A.S.** (2016): Could the conventionally known Abu Roash “G” reservoir (upper Cenomanian) be a promising active hydrocarbon source in the extreme northwestern part of Egypt? Palynofacies, palaeoenvironmental, and organic geochemical answers. ***Marine and Petroleum Geology***, 76, 231–245. (IF: 2.888, Q1)
9. **Deaf, A.S.**, Harding, I.C., and Marshall, J.E.A. (2016): Early Cretaceous palynostratigraphy of the Abu Tunis 1x borehole, northern Western Desert, Egypt, with emphasis on the possible palaeoclimatic effect upon the range of *Dicheiropollis etruscus* in North Africa. ***Palynology***, 40 (1), 25–53. (IF: 1.543, Q2)
8. Mahmoud, M.S., Habaak, G.H., **Deaf, A.S.**, and Abd El-Razek, H.A. (2015): Environmental and palaeoclimatic significance of organic-walled microfossils (Pliocene-Holocene) from Assuit area, Egypt. ***Egyptian Journal of Paleontology***, 15, 207–247.
7. **Deaf, A.S.**, Harding, I.C., Marshall, J.E.A. (2014): Cretaceous (Albian-early? Santonian) palynology and stratigraphy of the Abu Tunis 1x borehole, northern Western Desert, Egypt. ***Palynology***, 38 (1), 51–77. (IF: 0.922, Q3)
6. El-Soughier, M.I., **Deaf, A.S.**, Mahmoud, M.S. (2014): Palynostratigraphy and palaeoenvironmental significance of the Cretaceous palynomorphs in the Qattara Rim-1X well, North Western Desert, Egypt. ***Arabian Journal of Geosciences***, 7 (8), 3051–3068. (IF: 1.224, Q3)
5. Alaug, A.S., Mahmoud, M.S., **Deaf, A.S.**, Al-Ameri, Th.K. (2014): Palynology, organic geochemical analyses, and hydrocarbon potential of some Upper Jurassic-Lower Cretaceous rocks, the Sabatayn-1 well, Central Yemen. ***Arabian Journal of Geosciences***, 7 (6), 2515–2530. (IF: 1.224, Q3)
4. **Deaf, A.S.**, Palynology, palynofacies and hydrocarbon potential of the Cretaceous rocks of northern Egypt. Published PhD thesis, University of Southampton, Faculty of Engineering, Science and Mathematics, School of Ocean and Earth Sciences (2009), p. 348. ***eprints.soton.ac.uk***.

3. Mertens, K.N., Verhoeven, K., Verleye, T., Louwye, S., Amorim, A., Ribeiro, S., **Deaf, A.S.**, Harding, I.C., Schepper, S., González, C., Kodrans-Nsiah, M., Vernal, A., Henry, M., Radi, T., Dybkjaer, K., Poulsen, N.E., Feist-Burkhardt, S., Chitolie, J., Heilmann-Clausen, C., Londeix, L., Turon, J.-L., Marret, F., Matthiessen, J., McCarthy, F.M.G., Prasac * GS: Google Scholar, Sc: Scopus, RG: Research Gate B., Rochon, A., Sangiorgi, F., Welters, N., Sinclair, N., Thun, C., Soliman, A., Nieuwenhove, N., Vink, A., Young, M. (2009): Determining the absolute abundance of dinoflagellate cysts in recent marine sediments: The *Lycopodium* marker-grain method put to the test. ***Review of Palaeobotany and Palynology***, 157, 238–252. (IF: 2.145, Q2)

2. Mahmoud, M.S., **Deaf, A.S.** (2007): Cretaceous Palynology (spores, pollen and dinoflagellate cysts) of the Siqeiya 1-X borehole, northern Egypt. ***Rivista Italiana di Paleontologia e Stratigrafia***, 113 (2), 203–221. (IF: 0.64, Q4)

1. Mahmoud, M.S., Soliman, H.A., **Deaf, A.S.** (2007): Early Cretaceous (Aptian-Albian) palynology of the Kabrit-1 borehole, onshore Northern Gulf of Suez, Egypt. ***Revista Española de Micropaleontología***, 39 (3), 169–187.

11. Teaching experiences

A. Undergraduate Pre-Credit hour system

- Historical geology and origin of species (G313) for Geology and Geophysics students
- Micropaleontology and historical geology (G315) for Geology students
- Stratigraphy (G332) for Geology, Geology-Chemistry, and Geophysics students
- Vertebrate palaeontology and origin of species (G216) for Geology students
- Plant microfossils (G322) for Geology and Botany and Microbiology students

B. Undergraduate Credit hour system

- Scientific thinking (UR014) for all faculty of science students
- Principles of Geology (G100) for level one Geology students
- Stratigraphy (G210) for Geology, Geology-Chemistry, and Geophysics students
- Vertebrate palaeontology and origin of species (G216) for Geology students
- Fossilization and plant microfossils (G219) for Botany and Microbiology students
- Historical geology and origin of species (G313) for Geophysics students
- Micropaleontology and historical geology (G315) for Geology students
- Palynology and trace fossils (G411) for Geology students
- Principles of Stratigraphy (G211) for Petroleum Geology students
- Invertebrate palaeontology and paleoecology (G217) for Petroleum Geology students
- Biostratigraphy and chronostratigraphy (G217) for Petroleum Geology students
- Organic geochemistry (G332) for Petroleum Geology students
- Natural gas fields (471) for students in Geology Department of Petroleum and Natural Gas – Faculty of Applied Science – Suez University

- Sedimentary basins (431) for students in Geology Department of Petroleum and Natural Gas – Faculty of Applied Science – Suez University
- Teaching assistant of SOES3004/SOES6022 Microfossils, Environments and Time, session 2006/2007, semester 1, convenor Dr. Ralf Schiebel, National Oceanography Centre, Southampton, University of Southampton, UK
- Teaching assistant of SOES2001 Palaeobiology, session 2006/2007, semester 2, convenor Prof. John Marshall, National Oceanography Centre, Southampton, University of Southampton, UK
- Teaching assistant of SOES2001 and SOES2020 field demonstrations, National Oceanography Centre, Southampton, University of Southampton, UK

C. Postgraduate Credit hour system

- Special course: Palynology (G645) for Geology MSc students
- Special course: Quaternary Palynology (G645) for Geology MSc students

12. Postgraduate supervision

A. Finished and awarded degrees

- MSc. Environmental significance of organic-walled microfossils (Pliocene to Holocene) from Assiut Area, Egypt. Heba Ammar Abd El-Razek. Geology Department, Faculty of Science, Assiut University, Assiut. (Awarded 2015).
- PhD. Palynology and stratigraphy of some Cretaceous rocks, northern Western Desert, Egypt. Miran Mostafa Khalaf. Geology Department, Faculty of Science, Assiut University, Assiut. (Awarded 2019).
- MSc. Palynological, geochemical and well logging analyses on some Upper Jurassic potential source rocks in north Western Desert, Egypt. Eman Sayed Zain El-Arab. Geology Department, Faculty of Science, Assiut University, Assiut. (Awarded 2022).

B. Current students

- MSc. Evaluation of Upper Cretaceous potential source rocks in Beni Suef Basin, Egypt: Organic geochemical, Palynological and well logging evidences. Ahmed Abdel Tawab Mohamed. Geology Department, Faculty of Science, Assiut University, Assiut.
- MSc. Palynological studies on some Neogene-Quaternary sediments from the Nile Delta (Egypt). Mena Allah Tarek Hassan. Geology Department, Faculty of Science, Assiut University, Assiut.
- MSc. Integrated organic geochemical, organic petrographic, and well logging studies to evaluate the hydrocarbon source rock potential of some Upper Cretaceous rocks in Shushan Basin, North Western Desert, Egypt. Haddar Esmail Ahmed Abd El Hameed. Geology Department, Faculty of Science, Assiut University, Assiut.
- MSc. Palynological, organic petrographic and geochemical analyses on some Upper Cretaceous-Lower Miocene source rocks in south Gulf of Suez, Egypt. Ahmed Abdo Ahmed. Geology Department, Faculty of Science, Aswan University, Aswan.

MSc Depositional environments of the Upper Cretaceous Bahariya Formation in Shushan Basin, North Western Desert, Egypt: Palynological, geochemical, and well logging approaches. Ehab Aboueldahab. Geology Department, Faculty of Science, Assiut University, Assiut.

13. Institutional duties

A. University & National Institutes

- Accredited External Reviewer at The National Authority for Quality Assurance and Accreditation of Education “NAQAAE”, Egypt (2024).
- Accredited TOT trainer at The National Authority for Quality Assurance and Accreditation of Education “NAQAAE”, Egypt (2024).
- Coordinator of Assiut University File for Best Environmentally Friendly University competition run by the Egyptian Supreme Council of Universities (2023-2024).
- Member of Assiut University International Ranking Office (2024).
- Member of organizing committee and editor of abstract book of Assiut University 12th International Conference for Development and Environment in the Arab World (2024).
- Member of Assiut University committee for strategic analysis and preparation of Assiut University national accreditation (2024).
- Board Member of the Environmental Studies and Research Center of Assiut University (2023-2025).
- Board Member of the Center of Sustainable development of Assiut University (2024-2026).
- Member of Assiut University Professional Ethics Committee (2025).
- Member of Assiut University executive committee of university self-study 2020-2021.
- Member of Assiut University Strategic Planning Unit (2013-2015).
- Member of Assiut University project for ISO 9001 certification (2015).

B. Faculty of Science

- Director of the Technical Office – Faculty of Science Quality Assurance and Accreditation Unit (QAAU) – (2011-2015, 2019-2024).
- Head of Faculty of Science IT Unit (2019-Now).
- Member of the Faculty of Science Council (2024).
- Member of the Faculty of Science Scientific Ethics Committee, (2023-Now).
- Member of the Faculty of Science Committee for scientific labs and instruments (2023-2024).
- Member of the Faculty of Science advertising committee for Scientific Consulting and Services Center (2023-2024).
- Member of the Executive committee for Managerial Assessment of Proficiency (2020-2021).
- Lectured member of the Egyptian-USA Science Technology Engineering and Math (STEM). project for Teacher Education and School Strengthening Activity (STESSA) (2019-2024).
- Lectured of STEM Earth Science (2020-Now).
- Geology Department representative at the Media committee of QAAU (2019).
- Geology Department representative at the Strategic planning committee of QAAU (2019).
- Geology Department representative at the faculty committee of libraries (2016-2017).
- Faculty coordinator of the national project “bank of laboratory instruments” (2019).

- Faculty coordinator of the national project “Assessment of Higher Education Learning Outcomes: AHELO” (2014).
- Faculty consultant for student union scientific committee (2012-2013).
- Secretary and Editor of the 3rd Scientific Conference for Youth Scientists: basic sciences and technology (2019).

C. Department

- Second Secretary of the International Conference on the Geology of Africa (2022, 2024).
- Seminar coordinator (2021-2022).
- Supervisor of geochemistry lab (2017-Now).
- Student academic advisor (2012-2015).
- Member of the Geology Department library committee (2012-2013, 2016-2017).
- Secretary of the Geology department (2011-2015).
- Assistant coordinator of the postgraduate Geology programme (2010-2013).
- Coordinator of the undergraduate Geology programme (2011-2013).
- Member of Executive committee of the International Conference on the Geology of Africa (2013, 2015, 2017, 2019, 2022).

14. Languages

- Arabic (mother tongue)
- English (International TOEFL)
- Germany (Grund Stufe I-III)

15. Computer skills

- ICDL (International Computer Driving Licence)
- Corel Draw, Grapher, Sigma Stat, Sigma Plot
- Primer Software

16. Training delivered

#	Training course title	Hrs	Date	Training centre/institute
1-4	Training of Trainee (TOT) for Higher Education Institutes	120	14-17/7/2024 27/3-2/5/2024 20-24/4/2025 2-6/8/2025	National Authority for Quality Assurance & Accreditation of Education (NAQAAE)
5-6	Self-Study of the Higher Education Programs According to Accreditation Rules 2022 for Faculties and Higher Education Institutes: New Modified Regulations	36	27-29/2/2024 24-26/8/2025	NAQAAE
7-11	Self-Study of Faculties and Higher Institutes According to the Accreditation Rules 2015: New Modified Regulations	90	17-19/9/2024 7-9/10/2024 2-4/2/2025 10-12/5/2025 22-24/6/2025	NAQAAE
12-15	External Review of Faculties and Higher Education Institutes: Modified Regulations of Program and Higher Institute Accreditation	72	9-11/1/2025 19-21/1/2025 22-24/2/2025 27-29/1/2025	NAQAAE
16-17	Team capacity building of Higher Education Institutes for applying for accreditation	24	10-11/9/2025 17-18/9/2025	NAQAAE
	Total Hours of training	342		

17. Training courses attended

#	Training course title	Date	Training centre/institute
1	Training of Trainee (TOT) for Higher Education Institutes	28/1-2/2/2024	National Authority for Quality Assurance & Accreditation of Education (NAQAAE)
2	External Review of Faculties and Higher Education Institutes	29-31/8/2023	NAQAAE
3	Teaching strategies and effective learning for Faculties and Higher Education Institutes	23-24/8/2023	NAQAAE
4	Self-Evaluation for Faculties and Higher Education Institutes	15-17/8/2023	NAQAAE
5	Strategic planning for Faculties and Higher Education Institutes	9-10/8/2023	NAQAAE
6	Self-Study of Scientific Programs for Faculties and Higher Education Institutes	1-3/8/2023	NAQAAE
7	Exams and Student Assessments for Faculties and Higher Education Institutes	22-23/7/2023	NAQAAE
8	Program and Course Specification and Learning Outcome assessment for Faculties and Higher Education Institutes	16-18/7/2023	NAQAAE
9	Program Accreditation: indicators and practices		Assiut University Center for Education Enhancement.
10	Analytical and creative thinking for teaching purposes	7-9/11/2021	Faculty and leadership development Centre (FLDC), Assiut University, Egypt
11	Designing E-courses	7-8/11/2021	FLDC, Assiut University, Egypt
12	Digital transformation (Web editing, Word processor, Presentations)	19-21/10/2021	FLDC, Assiut University, Egypt
13	Publication in international journals	14-16/3/2021	FLDC, Assiut University, Egypt
14	Code of Professional Ethics	14-16/3/2021	FLDC, Assiut University, Egypt
15	Technical aspects for designing scientific research	14-16/3/2021	FLDC, Assiut University, Egypt
16	Student assessments and MCQ	8/2020	Centre of Assessment and Evaluation - Ministry of Higher Education
17	Activation and use of Egyptian Knowledge Bank (EKB)	23-24/10/2019	Assiut University Digital Library
18	Quality standards for teaching purposes	26-27/12/2017	FLDC, Assiut University, Egypt
19	Strategic planning	12-13/12/2017	FLDC, Assiut University, Egypt
20	Running and managing E-courses	6-7/3/2016	FLDC, Assiut University, Egypt
21	Setting up conferences	28-29/2/2016	FLDC, Assiut University, Egypt
22	Credit hour system	17-18/1/2016	FLDC, Assiut University, Egypt
23	Time and meeting management	12-13/1/2016	FLDC, Assiut University, Egypt
24	Effective presentations	27-29/3/2010	FLDC, Assiut University, Egypt
25	University legal and monetary regulations	27-29/3/2010	FLDC, Assiut University, Egypt
26	Management of scientific research teams	13-15/3/2010	FLDC, Assiut University, Egypt
27	How to write a competitive scientific research project	9-11/3/2010	FLDC, Assiut University, Egypt
28	Scientific publication	6-8/3/2010	FLDC, Assiut University, Egypt
29	Using technology tools in teaching	2-3/3/2010	FLDC, Assiut University, Egypt
30	Workshop on Tempus projects	27-28/1/2011	FLDC, Assiut University, Egypt
31	How to review a manuscript	14/9/2015	Elsevier Publishing Campus
32	How to get published: preparing your manuscript	14/9/2015	Elsevier Publishing Campus
33	How to get published: structuring your article	14/9/2015	Elsevier Publishing Campus
34	How to get published: using proper scientific language	14/9/2015	Elsevier Publishing Campus
35	The USSP course on "Dynamics and Evolution of Cenozoic Climate"	19/7-2/8/2006	Urbino Summer School in Paleoclimatology, Urbino, Italy
36	Advanced course in Jurassic-Cretaceous-Cenozoic Organic-walled Dinoflagellate Cysts: morphology, paleoecology and stratigraphy	13-17/7/2006	University of Urbino, Italy

Referees for academic posts

Prof. Nageh Abdel-Rahman Obid Allah Ali

Capacity in which known to me: **Former Head of Geology Department and Vice-Dean for Education and Students Affairs, Faculty of Science, Assiut University.**

Former Vice-President for Education and Students Affairs, New Valley University, Egypt.

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Prof. Gamal Zidan Abdelaal Husien

Capacity in which known to me: **Current Head of Geology Department**

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Prof. John E.A. Marshall

Capacity in which known to me: **former PhD supervisor**

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