

Dr. El-Sayed Sedek Abdellah Mansour Abu Seif

CURRICULUM VITAE



Name	El-Sayed Sedek Abd Ellah Mansour Abu Seif
Date of Birth	28 October 1971
Place of Birth	Tahta, Sohag, Egypt
Recent Employment	Professor of Engineering Geology, Geology Department, Faculty of Science, Sohag University, Sohag, Egypt.
Nationality	Egyptian
Religion	Muslim
Marital Status	Married, have four children
Sex	Male
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EDUCATION

No.	Degree	Year	University
1	Ph.D. in Engineering Geology	2006	South valley University, Egypt
2	M.Sc. in Sedimentology and Mineralogy	1999	South valley University, Egypt
3	B.Sc. Geology (Very Good With	1993	Assiut University, Egypt

honor)

EMPLOYMENT HISTORFY

No.	Degree	Year	University
1	Demonstrator	1994-1999	Faculty of science - Assiut University (Sohag Branch), Egypt
2	Assistant Lecturer	1999-2006	Faculty of science-South Valley University (Sohag Branch), Egypt
3	Lecturer	2006- September 2010	Faculty of Science-Sohag University, Egypt
4	Assistant Professor	September-2010 September-2014	Faculty of Earth Sciences, King Abdul-Aziz University, Jeddah, Kingdom of Saudi Arabia
5	Associate Professor	September-2014 until September 2020	Faculty of Science-Sohag University, Egypt. Faculty of Earth Sciences, King Abdul-Aziz University, Jeddah, Kingdom of Saudi Arabia
6	Professor	25 th August 2019	Faculty of Science-Sohag University, Egypt.

TITLE OF M. SC. &PH. D. THESIS

1	M. Sc.	Sedimentological and Mineralogical Studies on the Neogene Clastic of Wadi Um Gheig-Wadi Mobarak, Red Sea, Egypt
2	Ph. D.	"Geological and Engineering Properties of Expansive Soils of Gharb El-Mawhoob Area, Dakhla Oasis, Western Desert, Egypt"

TEACHING

1	UNDERGRADUATE	1. Engineering Geology	8. Environmental Geology
		2. Rock Mechanics	
		3. Applied Geology	9. Rocks in
		4. Applied Sedimentology	Constructions
			10. Mining

- | | |
|----------------------|-------------------|
| 5. Sedimentary Rocks | Geotechnology |
| 6. Mineralogy | 11. Geotechnical |
| 7. Crystallography | Exploration |
| | 12. B.Sc. Project |

2 POSTGRADUATE

1. Engineering Geology
2. Rock Mechanics
3. Applied Sedimentology

SKILLS AND QUALIFICATIONS

- 1- International TOEFL English Certificate.
- 2- France Language Certificate.
- 3- German Language Certificate.
- 4- International Computer Driving License (ICDL) Certificate.
- 5- Qualified trainer in National Center of Faculty Leadership Development, Minister of Higher Education (NCFLD), Cairo and in Faculty Leadership Development Project, (FLDP) Sohag University, and in (from March, 2008 until now).

EXPERIENCE IN E-LEARNING

Preparing two courses in E-learning form for High Supreme Council of Egypt Universities

- a- Engineering Geology
- b- Rock Mechanics

SOCIETY ACTIVITIES

Working as a consultant in Engineering Geology for Sohag University Marketing Center for Scientific purposes (e.g. problematic soils and construction building aggregates)

LAB ACTIVITIES

1. Help in establishing sedimentological lab (Geology department of Faculty of science at Sohag University).
2. Establishing engineering geology lab (Geology department of Faculty of science at Sohag University).
3. Help in establishing engineering geology lab sponsored by European Union (Geology department of Faculty of science at Assuit University)
4. Help in establishing geological museum (Geology department of Faculty of science at

Sohag University).

5. Help in establishing geo-environmental labs (Geology department of Faculty of science at Sohag University).
6. Help in establishing GIS and remote sensing lab (Geology department of Faculty of science at Sohag University).

JOURNAL REFEREE ACTIVITIES

Referee for the following Journals

1. African Journal of Agricultural Research
2. Arabian Journal for Science and Engineering
3. Arabian Journal of Geosciences
4. Carbonates and Evaporites
5. Construction and Building Materials
6. International Journal of Mining Engineering and Mineral Processing
7. Journal of African Earth Sciences
8. Journal of Civil Engineering Research
9. Journal: European Journal of Environmental and Civil Engineering

SUPERVISION OF THESES AND DISSERTATIONS

Title of Theses	Degree Granted	University	Candidate's Name
1-Mineralogical and Geotechnical Studies on the Weathered Zones of the Basement Rocks of Aswan Area, Egypt	MS.c.	Sohag	Yasser Baeoumy
2-Geotechnical study on the utilization of Pleistocene sands as construction material, Sohag, Governorate, Upper Egypt	MS.c.	Sohag	Khaleed Mahmoud

LIST OF PUBLICATIONS

1. **El-Shater A., Mahran T.M., Bekir R.Kh., and El-Sayed Sedek Abu Seif (1999):** Mineralogy of the Neogene clastics of Wadi Um Gheig-Wadi Mobarak area, Red Sea coast, Egypt. Egyptian Journal of Geology (Abstract)
2. **Mahran T.M., El-Shater A. and El-Sayed Sedek Abu Seif (2006):** Sedimentology and sequence stratigraphy of Oligocene-Middle Miocene sediments in the area south of Wadi Um Gheig Red Sea, Egypt: effects of eustasy and tectonics. Egyptian Journal of

Geology, 237-262

3. **El-Shater A., Al-Khasab H., El-Sharif M. Abd Al-Aziz and El-Sayed Sedek Abu Seif (2010)**: Geological and engineering properties of expansive soil of West Mawhoob, Dakhla Oasis, Western Desert, Egypt. Clay Minerals Society (CMS), June 8-10, Seville, Spain.
4. **El-Sayed Sedek Abu Seif(2007)**: Engineering geology of Al-Kawser City, NE Sohag Governorate, Egypt. The 5th International Conference on the Geology of Africa, Assiut-Egypt. 15-28
5. **El-Sayed Sedek Abu Seif and El-Sharif M. Abd Al-Aziz (2008)**: Geotechnical Factors affecting undrained shear strength of Quseir Shale in Dakhla Oasis, Western Desert, Egypt. Bull. Fac. Eng. Assiut Univ. Assiut Egypt. 36 (1), 131-145
6. **El-Sayed Sedek Abu Seif and El-Shater A. (2010)**: Engineering aspects and associated problems of Nile flood plain sediments in Sohag, Upper Egypt. The Journal of American Science, 6 (12), 1614-1623.
7. **El-Sayed Sedek Abu Seif (2013)**: Assessing the engineering properties of concrete made with fine dune sands: an experimental study. Arab J Geosci, 6:857–863.
8. **Alqahtani, M. B. and El-Sayed Sedek Abu Seif (2013)**: Effect of animal borings on geotechnical properties of coralline limestone in NW Jeddah City, Red Sea Coast, Saudi Arabia. Arab J Geosci, 6:4973–4980.
9. **El-Sayed Sedek Abu Seif (2013)**: Gemechanical evaluation of Pliocene natural aggregates as pavement. Arabian Journal of Geosciences (DOI 10.1007/s12517-013-0890-9)
10. **Alqahtani, M. B. and El-Sayed Sedek Abu Seif (2013)**: Correlations between petrography and some engineering properties of coralline limestone: a case study along Red Sea Coast, Saudi Arabia, JAKU: Earth Sci., 24 (1), 99-114
11. **El-Sayed Sedek Abu Seif (2013)**: Performance of Cement Mortar Made with Fine Aggregates of Dune Sand, Kharga Oasis, Western Desert, Egypt: An Experimental Study. Jordan Journal of Civil Engineering, 7 (3), 270-284
12. **Ali M. A. Abd-Allah, El-Sawy E.K., El-Sayed Sedek Abu Seif, Abdelhamid El-Fakharani and Mohammed Amin M. Sharaf (2013)**: Rock slope stability and design in Arafat–Muzdalifa area, Saudi Arabia Arabian Journal of Geosciences (*available online* DOI 10.1007/s12517-013-1030-2)
13. **El-Sayed Sedek Abu Seif (2014)**: Geotechnical characteristics of anhydrite/gypsum transformation of Middle Miocene Evaporite, Red Sea Egypt. Arab J Sci Eng, 39:247–260.

14. **Hakami B.A. and El-Sayed Sedek Abu Seif (2014):** Geo-Environmental Assessment of Hazardous Effects of Disposal Wastewater, Jeddah, Red Sea Coast, Saudi Arabia. *International Journal of Innovative Research & Development*, 3 (4), 170-179.
15. **Hakami B.A. and El-Sayed Sedek Abu Seif (2015):** Household Solid Waste Composition and Management in Jeddah City, Saudi Arabia: A planning model. *International Research Journal of Environment Sciences*, 4 (1), 1-10
16. **El-Sayed Sedek Abu Seif (2015):** Efficiency of quicklime in reducing the swelling potential of pulverized expansive shale, Northern Jeddah, Saudi Arabia. *Bull Eng Geol Environ*, 74:637–650. DOI 10.1007/s10064-014-0658-9
17. **El-Sayed Sedek Abu Seif (2015):** Geotechnical approach to evaluate natural fine aggregates concrete strength, Sohag Governorate, Upper Egypt. *Arab J Geosci*, 8:7565–7575. DOI 10.1007/s12517-014-1705-3
18. **El-Sayed Sedek Abu Seif (2015):** Geological evolution of Nile Valley, west Sohag, Upper Egypt: a geotechnical perception. *Arab J Geosci*, 8:11049–11072. DOI 10.1007/s12517-015-1966-5
19. **El-Sayed Sedek Abu Seif (2016):** Evaluation of geotechnical properties of Cretaceous Sandstone, Western Desert, Egypt. *Arab J Geosci*, 9: 299. DOI 10.1007/s12517-016-2317-x
20. **El-Sayed Sedek Abu Seif, Abdullah R. Sonbul, Bader Abdo Hasan Hakami and El-Sawy, E.K. (2016):** Experimental study on the utilization of dune sands as a construction material in the area between Jeddah and Mecca, Western Saudi Arabia. *Bull Eng Geol Environ*, 75:1007–1022. DOI 10.1007/s10064-016-0855-9
21. **El-Sayed Sedek Abu Seif (2017):** Geotechnical hazardous effects of municipal wastewater on plasticity and swelling potentiality of clayey soils in Upper Egypt. *International Journal of Geo-Engineering*, 8:1. DOI 10.1186/s40703-016-0038-3
22. **El-Sayed Sedek Abu Seif and Abdullah R. Sonbul (2017):** Engineering properties of concrete made with crushed aggregates of diorite, Jeddah, Saudi Arabia. *Acta Montanistica Slovaca*, 22 (3), 225-237
23. **El-Sayed Sedek Abu Seif, Abdulelah A. Bahabri and El-Shater, A. (2018):** Geotechnical properties of Precambrian Carbonate, Saudi Arabia, *Arab J Geosci*, DOI: 10.1007/s12517-018-3821-y
24. **El-Sayed Sedek Abu Seif and Mohamed H. El-Khashab (2019):** Desertification risk assessment of sand dunes in Middle Egypt: a geotechnical environmental study. *Arabian Journal for Science and Engineering*. 44:357–375, (DOI: 10.1007/s13369-018-3343-7).

25. **Bader Abdo Hasan Hakami and El-Sayed Sedek Abu Seif (2019)**: Expansive potentiality of sabkha soils of Rabigh Lagoon, Saudi Arabia: a case study. Arab J Geosci, DOI: 10.1007/s12517-019-4271-x
26. **Bader Abdo Hasan Hakami and El-Sayed Sedek Abu Seif (2019)**: Geotechnical aspects and associated problems of Al-Shuaiba Lagoon soil, Red Sea Coast, Saudi Arabia. Environmental Earth Sciences. DOI: 10.1007/s12665-019-8223-2
27. **El-Sayed Sedek Abu Seif and Abdullah R. Sonbul (2019)**: Geotechnical performance of sandy bricks made with fine aggregates of sand dunes, Saudi Arabia. Arabian Journal of Geosciences, DOI: 10.1007/s12517-019-4345-9
28. **Amar A. Amin and El-Sayed Sedek Abu Seif (2019)**: Environmental hazards of sand dunes, South Jeddah, Saudi Arabia: an assessment and mitigation geotechnical study. Earth Systems and Environment. DOI: 10.1007/s41748-019-00095-z
29. **El-Sayed Sedek Abu Seif and Abdulelah A. Bahabri (2019)**: Rockfall hazards assessment along the Aswan–Cairo highway, Sohag Governorate, Upper Egypt. Natural Hazards, 99, 991–1005.
30. **Bader Abdo Hasan Hakami, El-Sayed Sedek Abu Seif and El-Shater, A. (2019)**: Environmental pollution assessment of Al-Musk Lake, Jeddah, Saudi Arabia. Natural Hazards (in press).
31. **Gamal M.A. Mahran, Abdel-Nasser M. Omran, and El-Sayed Sedek Abu Seif (2020)**: The Formation Mechanism and characterization of Al-Si Master Alloys from sodium Fluosilicate. journal Material Science (Medžiagotyra), 26(2), 185-191
32. **Bader Abdo Hasan Hakami, El-Sayed Sedek Abu Seif and El-Shater, A. (2020)**: Environmental pollution assessment of Al-Musk Lake, Jeddah, Saudi Arabia. Natural Hazards (DOI: 10.1007/s11069-020-03880-6)
33. **El-Shater A., Mahran T.M., El-Sayed Sedek Abu Seif and Khaleed Mahmoud (2020)**: Geotechnical study on the utilization of Pleistocene Sands in Sohag Basin (Upper Egypt) as a construction raw material, Environmental Earth Sciences, DOI: 10.1007/s12665-020-09302-x
34. **El-Sayed Sedek Abu Seif, El-Shater AA, Ammar Amin A (2022)**: Geological evolution and swelling potentiality of Paleonile Clays in Nile Valley, east Sohag, Upper Egypt. Sohag J. Sci. 7, No. 3, 11- 28, 10.21608/sjsci.2022.249078 11