

## CURRICULUM VITAE

***PROFESSOR Dr. Abd El-Hamid El-Shater Abd El-Hamid***

***CLASTIC SEDIMENTOLOGIST***

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**Whatsup:01032324531**



**NAME:** Abd El-Hamid El-Shater Abd El-Hamid

**ACADEMIC GRADE:** Ph. D. (Geology)

**DATE OF BIRTH:** 23/5/1953

**PLACE OF BIRTH:** Alexandria , Egypt

**SEX:** Male

**MARITAL STATUS:** Married

**NATIONALTY:** Egyptian

**PROFESSION:** Professor of clastic sediments , Geology Department, Faculty of Science, Sohag University, Sohag, Egypt.

**Major Field of specialization:** Clastic Sediments

**Main field of specialization:** Mineralogy of Clastic sediments

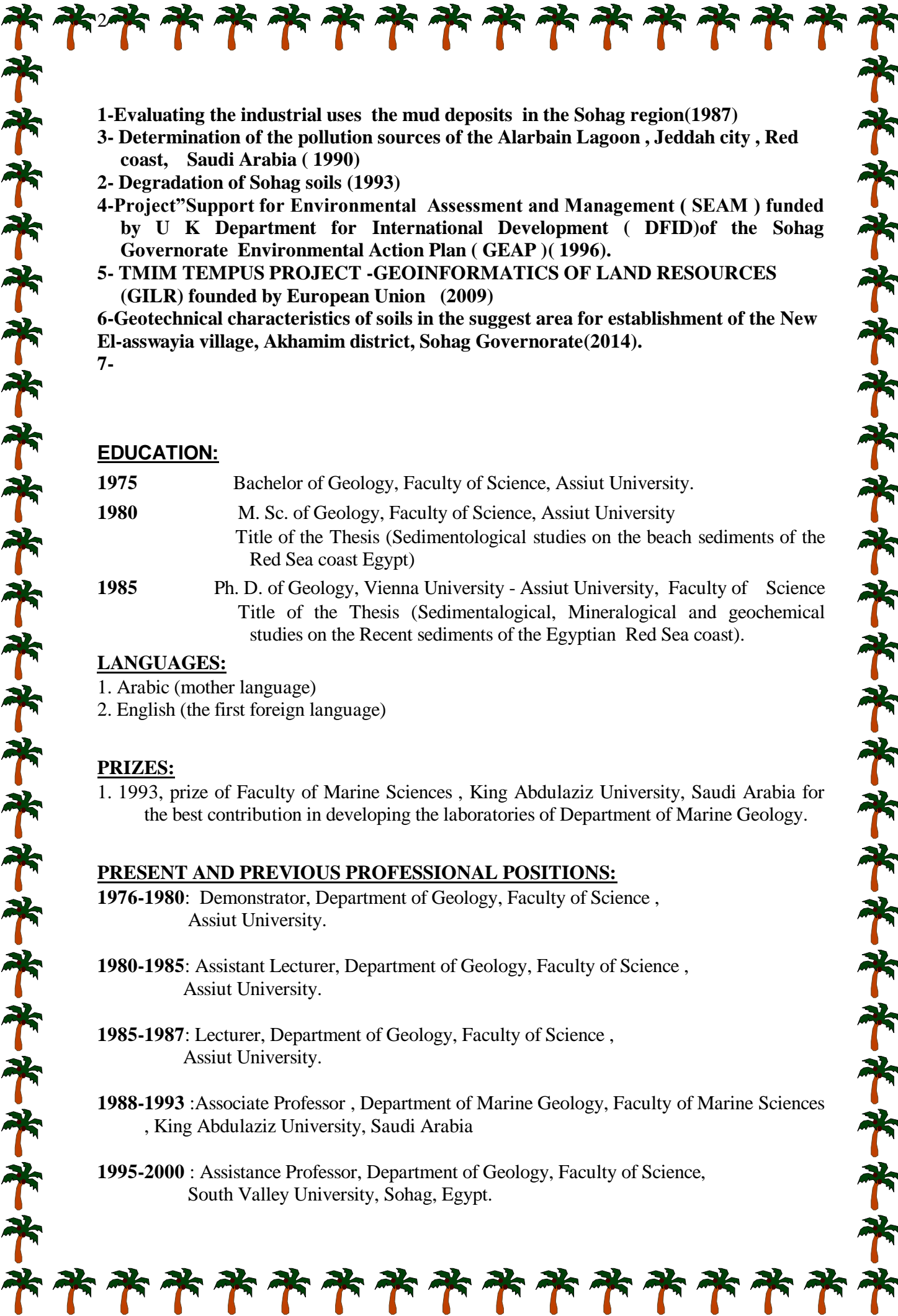
### **Experiences:**

- 1-Separation, identification and quantification of clay minerals.
- 2- Microstructure of clays as well as defects and strains of their unit cells using X-ray Diffraction.
- 3-Separation, identification and quantification of heavy minerals
- 4- Microstructure of heavy minerals as well as defects and strains of their unit cells using X-ray Diffraction.
- 5-Identification of unknown materials and mineral , especially, those containing gold.
- 6-Application of sedimentology in Geotechnical problems and geological exploration

### **Teach the following courses:**

- 1-Physical Geology
- 2-Sedimentary Rocks
- 3- Diagenesis of Sedimentary Rocks
- 4- Paleo environments of Sedimentary Rocks
- 5- Coastal geomorphology
- 6-Clay mineralogy
- 7-Marine sediments
- 8-X-ray diffraction in crystallograph

### **Projects:**

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- 1-Evaluating the industrial uses the mud deposits in the Sohag region(1987)
  - 3- Determination of the pollution sources of the Alarbain Lagoon , Jeddah city , Red coast, Saudi Arabia ( 1990)
  - 2- Degradation of Sohag soils (1993)
  - 4-Project”Support for Environmental Assessment and Management ( SEAM ) funded by U K Department for International Development ( DFID)of the Sohag Governorate Environmental Action Plan ( GEAP )( 1996).
  - 5- TMIM TEMPUS PROJECT -GEOINFORMATICS OF LAND RESOURCES (GILR) founded by European Union ( 2009)
  - 6-Geotechnical characteristics of soils in the suggest area for establishment of the New El-asswayia village, Akhamim district, Sohag Governorate(2014).
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**EDUCATION:**

- 1975** Bachelor of Geology, Faculty of Science, Assiut University.
- 1980** M. Sc. of Geology, Faculty of Science, Assiut University  
Title of the Thesis (Sedimentological studies on the beach sediments of the Red Sea coast Egypt)
- 1985** Ph. D. of Geology, Vienna University - Assiut University, Faculty of Science  
Title of the Thesis (Sedimentological, Mineralogical and geochemical studies on the Recent sediments of the Egyptian Red Sea coast).

**LANGUAGES:**

1. Arabic (mother language)
2. English (the first foreign language)

**PRIZES:**

1. 1993, prize of Faculty of Marine Sciences , King Abdulaziz University, Saudi Arabia for the best contribution in developing the laboratories of Department of Marine Geology.

**PRESENT AND PREVIOUS PROFESSIONAL POSITIONS:**

**1976-1980:** Demonstrator, Department of Geology, Faculty of Science , Assiut University.

**1980-1985:** Assistant Lecturer, Department of Geology, Faculty of Science , Assiut University.

**1985-1987:** Lecturer, Department of Geology, Faculty of Science , Assiut University.

**1988-1993 :**Associate Professor , Department of Marine Geology, Faculty of Marine Sciences , King Abdulaziz University, Saudi Arabia

**1995-2000 :** Assistance Professor, Department of Geology, Faculty of Science, South Valley University, Sohag, Egypt.

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From May 2000: Professor of Sedimentology, Department of Geology, Faculty of Science, South Valley University, Sohag, Egypt.

2001-2012: Head of Geology Dept., Faculty of Science, Sohag University

2008- 2013: The project manager of TMIM tempus project -geoinformatics of land resources (GILR)

### Training:

|  | Place  | Date |
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| 1-Analytical techniques in industrial minerals.  | Camborne School of Mines,University of Exeter, UK  | 2011 |
| 2-Chemical analysis – Traditional wet chemistry - Automated procedures ( X-ray fluorescence spectrometry – Atomic absorption spectrophotometry Inductively coupled plasma mass – spectrometry) | Camborne School of Mines,University of Exeter, UK  | 2012 |
| 3-X-ray diffraction Peter W. Scott, Camborne School of Mines,University of Exeter, UK, 2011  | Camborne School of Mines,University of Exeter, UK  | 2012 |
| 4-Colour measurement: Important for industrial mineral fillers and pigments. Peter W. Scott, Camborne School of Mines,University of Exeter, UK, 2012   | Camborne School of Mines,University of Exeter, UK  | 2012 |
| 5.Electron microscopy. Peter W. Scott, Camborne School of Mines,University of Exeter, UK, 2012.  | Camborne School of Mines,University of Exeter, UK  | 2012 |
| 6-Industrial Minerals: Introduction, markets, properties and assessment.   | Camborne School of Mines,University of Exeter, UK  | 2012 |
| 7-Techniques for mineral separation.   | Camborne School of Mines,University of Exeter, UK  | 2012 |
| 8-Sampling and particle size measurement.  | Camborne School of Mines, University of Exeter, UK | 2012 |

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| 9-A special course on the identification of industrial minerals by different methods .   | Marten Luther<br>University-Halle<br>Wittenberg ,<br>Germany | 18-2-1- 3-2011.    |
| 10-Analytical geochemical methods (ICP-OES-ICP-MS-XRF).Institute for Geoscience WG Mineralogy – Geochemistry.                                    | Marten Luther<br>University-Halle<br>Wittenberg ,<br>Germany | 18-2-1- 3-2011.    |
| 11-Decomposition / digestion of solid material( cleaning of samples- crushing of samples -separation of samples - sieving separation of minerals | Marten Luther<br>University-Halle<br>Wittenberg ,<br>Germany | 18-2-1- 3-2011.    |
| 12—Training Course on Advanced Digital Image Processing and Applications   | Assiut University  | 2-6 Jan 2010.      |
| 13-A workshop about Groundwater occurrences and characterization in Egypt  | Assiut University  | <u>11-11-2010.</u> |
| 14-Thermally Modified Clay Minerals as a precursors for Porous Materials.  | Assiut University  | June 2009          |
| 15-Advanced Analytical Techniques for Clays Characterizations  | Assiut University  | June 2009          |
| 16-Infrared Spectroscopy as Identification Tool for Serpentine Rocks, Eastern Desert, Egypt.   | Assiut University  | June 2009          |
| 17-Role of characterization in the processing of industrial minerals.  | Assiut University  | June 2009          |
| 18-Integrated utilization of industrial minerals: principles and case studies.   | Assiut University  | June 2009          |
| 19-Advanced Digital Image Processing and Application By NARSS --In Assiut University 19-23 -11-2009  | Assiut University  | June 2009          |



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## INTERNATIONAL TRAVEL AND RESIDENCE FOR RESEARCH/STUDY:

**1983** (12 months). Practical Studies under the supervision of Prof. Dr. Hanz. Kurzweil, Institute of Petrology, Vienna University, Austria .

**1984** (2 months). Practical Studies under the supervision of Prof. Dr.Richter , Institute of Chemistry, Vienna University, Austria

**2005** (10 days). Research work with Dr. Omer El-Harby (King Abdulaziz City for Sciences and Technology ).

## FIELD TRIPS IN FOREIGN COUNTRIES:

Several field trips to different areas in Germany (1983), Austria (1984), Netherland (1985), Italy (1997) and Saudi Arabia (1988, 1989,1990, 1992, 2005):

## ATTENDING CONFERENCES IN FOREIGN COUNTRIES:

- 1. (1989)** The First Symposium on the Red Sea Marine Environment, King Abdulaziz University, Jeddah, 8-10 November 1989, **Saudi Arabia.**
- 2. (1993)** Third European powder diffraction conference (EPDIC-3), Vienna-Austria, 1993, **Austria.**
- 3. (2010)** Trilateral Meeting on Clays , **Spain**
- 4. (2012 )** The 6<sup>th</sup> Mid-European Clay Conference ,Prague, Republic of Czech.

Besides: Several national and international conferences held in Egypt have been attended (see list of Abstract). Published 27 original scientific work.

## PARTICIPATION IN HIGHER EDUCATION DEVELOPMENT:

### **I. Attending all workshops held in our university concerning the followings**

1. Higher Education Enhancement Project Fund (HEEPF)
2. Quality Assurance and Accreditation Project (QAAP)
3. Faculty Leadership and Development Project (FLDP)
4. Information and Communications Technologies Project (ICTP)

### **II. Attending the following workshops:**

**21-22 January 2004** - Writing workshop to enhance the quality of proposals submitted to HEEPF, Cairo University.

**31 Mars 2004** - Project management workshop to enhance the quality implementation of the 1<sup>st</sup> cycle, Cairo University.

### **IV. Submit Proposals for HEEPF**

**September 2004.** Principal Investigator and Manager for a successful proposal but not funded



## MEMBERSHIP IN SCIENTIFIC INSTITUTIONS:

1. Geological Society of Egypt
2. Sedimentology of Egypt
3. Egyptian Mineralogy
- 4- Clays and clay minerals
- 5- Structure Determinations by Powder Diffractometry (SDPD)

## REVIEWERING

- 1-Journal of Earth Science and Engineering
- 2-Arab.Gulf Journal Science Research
- 3- Journal of King Abdulaziz University Marine Science
- 4- Bulletin of Faculty of Science Assiut University
- 5-Journal of African Sciences
- 6-Applied clay mineral Sciences
- 7-Arabian Journal of Geosciences (AJGS)
- 8-Numerous M.Sc. and Ph.D. theses from Egypt and from different countries e.g. The Netherlands. Jordan, India, Saudi Arabia, Iraq, and Yemen.

## SUPERVISIONS

### **M SC. Theses**

- 1-Hassan, M. A. (1995): Sedimentological and Mineralogical studies on the Neogene clastics of the Wadi Abu Ghusun-Wadi Lahmi area, Red Sea, Egypt. M. Sc. Thesis, Fac. of Science Gelo. Dep. South Valley Univ.
- 2-Abu Seif, E. S. (1997): Sedimentological and Mineralogical studies on the Neogene clastics of the Wadi umm Ghaig-Wadi Mobarak area, Red Sea, Egypt. M. Sc. Thesis, Fac. of Science Gelo. Dep. South Valley Univ.
- 4-Refaey, Y. B. ( 2008): Mineralogical and Geotechnical Studies on the Weathered Zones of the Basement rocks of Aswan Area, Egypt. M. Sc. Thesis, Fac. of Science Gelo. Dep. Sohag Univ.
- 5-El-Haddad , B.A., ( 2010) : Evolution of the Geological history of the Egyptian Nile at Sohag area Using Sedimentological Studies and remote sensing techniques
- 6- Soliman W.A (2012): Mineralogy and industrial uses of clayey sediments in east of sohag, Egypt.
- 7-Mahmood,K., (2015): Geotechnical study on the utilization of pleistocene sands as a construction material, sohag governorate, Upper Egypt
- 8-Shehata, F. H.( 2017):Mechanical and Engineering Characteristics of Expansive Soil and foundations , Sohag Egypt: A case study of New Sohag (Al-

Kawamil) -New Akhmim (Al-Kula).

- 9-**Hassanin, E.**(2021) :Sedimentological and mineralogical studies on the lower Eocene carbonate sediments in sohag area, Egypt.
- 10-**Hamad, Y.E** (2022):Applying a mathematical model to assess the environmental impact of Desalination plants reject water on Groundwater: A case studied of Abu soma bay, Safaga, red sea, Egypt
- 11-**Taher,Y.M.,**(2023): Petrological, mineralogical and geochemical studies on the weathered zones of the basaltic rocks of sharm El-Bahari –Wadi Wizer area, Red coast, Egypt
- 12-**Kamel,S.** (2023):Mineral characterization of The Jurassic–Eocene lithostratigraphic sequences in The Kharga–Dakhla area, Western Desert,Egypt

### **Ph. Theses**

- 1-**Abu Seif, E. S.** (2005): Geological and Engineering properties of expansive soils of west El maawhoob area, Dakhala Oasis, Western Desert, Egypt. Ph. D. Thesis, Fac. of Science .Gelo. Dep. South Valley Univ.
- 2-**Refaey, Y. B.** ( 2010) : Application of some clay deposits from Egypt in industrial uses and assessment of their adsorption characteristics
- 3- **El-Haddad , B.A.,,** ( 2015) :Application of remote sensing and geographic information system in geological hazard assessment, Sohag – Red Sea sector, Egypt”
- 4-**Soliman W.A,** (2016): Mineralogical and microstructural characterization of selected egyptian shales as possible hosts for a nuclear waste repositories.
- 5-**Abd-Elshafi,A.**(2017 :Nanocomposites Montmorillonite Clay For Efficient Analytical Determination And Removal Of Iron And Manganese From Drinking Water
- 6-**Abu Baker,M.,**(2018): Mineralogy and geochemistry of clayey deposits in Dabbabyia area. Luxor-Egypt.
- 7-**Ahmed, W.,** (2020): Geochemistry of zinc metal in some soils of Sohag Governorate, Egypt.

### **Publications**

- 1- **Mansour, H. H., philobos, E. R., and El-Shater,A.,** (1983 ): Some textural characteristics along the Red Sea coast of Egypt. Oceanography and Fisheries. Inst. Bull., V.9, p. 20-25.
- 2- **Philobos, E. R., Mansour, H. H., and El-Shater,A.,** ( 1983 ): Mineralogy of recent sediments along the Red Sea coast of Egypt. Oceanography and Fisheries. Inst. Bull., V.9, p. 30-41.
- 3- **Philobos, E. R., Kurweil, H., and El-Shater,A.,** ( 1987 ): Mineralogy and

Sedimentology of Recent Sediments of the Egyptian Red Sea coastal area ( abstract ).

- 4-El-Shater,A., and El-Haddad,A.(1988):Wave-generated structures and ancient wave conditions in the Neogene clastic sediments of the Red Sea coast, Egypt. *Sohag Pure& Appl. Sci.Bull. Fac. Sci. , Egypt., V.4, P.125-143.*
- 5- El-Haddad, A and El-Shater, A.,(1988):Sediment characteristics as a controlling factor of pollution of the groundwater from disposed wastes, Sohag , Egypt. *Bull.Fac. Sci. Assiut Uni., V.18, N.2-F, p.39-53.* *Sohag Pure& Appl. Sci.Bull. Fac. Sci. , Egypt., V.4, P.145-162.*
- 6-El-Shater,A., and El-Haddad,A.(1989):Grain-size parameters of insoluble residues in ancient mixed terrigenous carbonate sediments (Shagra Formation), Red Sea coast, Egypt. *Bull.Fac. Sci. Assiut Uni., V.18, N.2-F, p.39-53.* *Sohag Pure& Appl. Sci.Bull. Fac. Sci. , Egypt., V.4, P.125-143.*
- 7- Tag,R.J.,Abou Ouf, M., and El-Shater, A.,(1990): Textural characteristics of coastal sediments between Wadi.Al-Fagh and Wadi.Al-Qunfidah, South eastern Red Sea. *Arab.Gulf.J.Sci.Res., V.8, P. 33-47.*
- 8- Tag,R.J.,Abou Ouf, M., and El-Shater, A.,(1990): Nature and occurrence of heavy minerals in the recent sediments of Al-Fagh-Al-Qunfidah coast of Saudi Arabian Red Sea. *Indian. J. Mar.Sci., V.19, P.265-268.*
- 9- Abou Ouf , M., and El-Shater, A.,(1991):The relationship between the environmental conditions of the Jeddah coast,Red Sea and benthic foraminifera . *J.K.A.U. Mar.Sci., V.2, P.49-64.*
- 10- Behairy, A.K.A., Durgaprassada Rao, N.V.N, and El-Shater, A.,(1991): A siliciclastic coastal sabkha, Red Sea, Saudi Arabia. *J.K.A.U. Mar.Sci., V.4, P.65-77.*
- 11- Abou Ouf , M., and El-Shater, A.,(1992): Sedimentology and mineralogy of Jizan shelf sediments, Red Sea coast, Saudi Arabia. *J.K.A.U. Mar.Sci., V.3, P.39-45.*
- 12- El-Shater,A., (1992): The occurrence and nature of unstable heavy minerals in Miocene, Pliocene, and Pleistocene sediments of the Red Sea coast, Egypt. *Sohag Pure& Appl. Sci.Bull. Fac. Sci. , Egypt., V.8, P.277-294.*
- 13- Abou Ouf ,M., and El-Shater, A.,(1993):Black benthic foraminifera in carbonate facies of a coastal sabkha, Saudi Arabian Red Sea coast. *J.K.A.U. Mar.Sci., V.4, P.133-141.*
- 14- El-Shater,A., (1994): Palygorskite in the coastal sabkha of the Red Sea coast, Saudi Arabia . *Bull.Fac. Sci. Assiut Uni., V.23, N.1, p.143-157*
- 15-El-Shater, A.and Abou Ouf, M.A,( 1995): Beachrock in South Jeddah the Red Sea coast of Saudi Arabia. *JKAU: Mar .Sci.V.6, PP.53-65*



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16-Basaham,A. and El-Shater,A.(1996) :Textural and Mineralogical characteristics of the surficial sediments of Sharm Obhur, Red Sea coast of Saudi Arabia. *JKAU: Mar .Sci. V.6, PP.51-71*

17-El-Shater,A., (1997): Nature and origin of hematite of the Oligocene red beds of the Abu Ghusun Formation, Red Sea coast, Egypt. *Egyptian. Mineralogist., V.9, P.107-132.*

18-EL-Shater,A,(1998):Clay mineralogy and geochemistry of the siliciclastic sediments associated with Abu Dabbab Evaporites, Quseir-Safaga district, Red Sea coast of Egypt. *Bull.Fac. Sci. Assiut Uni., V.27, N.2, p.95-120*

19-El-Shater,A.and Philobos,E.R.,(1998): Clay mineral associations in the syn-refit sediments of the southern Egyptian Red Sea coastal areas: a tectono - sedimentary approach. *Egyptian Journal of Geology,v.42/2,pp.597-620.*

20-El-Shater A., (1999): Paleoclimatic interpretation of clay minerals in deep-sea cores from the Red Sea. *The first International Conference of the Geology of Africa, Assiut, Egypt, V.1, P.161-183.*

21-El-Shater,A. and El-Haddad,A. (1999): The controls on the major and trace elements variation of shales, siltstones, and sandstones of Neogene, Red Sea coast region, Egypt. *The Fourth International Conference on Geochemistry, Alexandria, Egypt, V.II, P.115-140.*

22-El-Shater, A., Mahran,T. M., Bekir, R.Kh., and Abu Seif, E.S.,(1999): Mineralogy of the Neogene clastics of Wadi Um Ghaig-Wadi Mobarak area, Red Sea coast, Egypt( *presented and discussed during the sessions of of the Geological Society of Egypt.*

23- El- Shater, A. and El-Haddad ,A. (2000) :Mineral composition of the Cambrian-Cretaceous Nubian Series of Egypt: provenance, tectonic setting and climatological implications. *Bull.Fac. Sci. ElAzhar Uni.,V.1,pp.1-39 and to present and discuss during the sessions of the 12<sup>th</sup> Symposium of the Phanerozoic and development in Egypt*

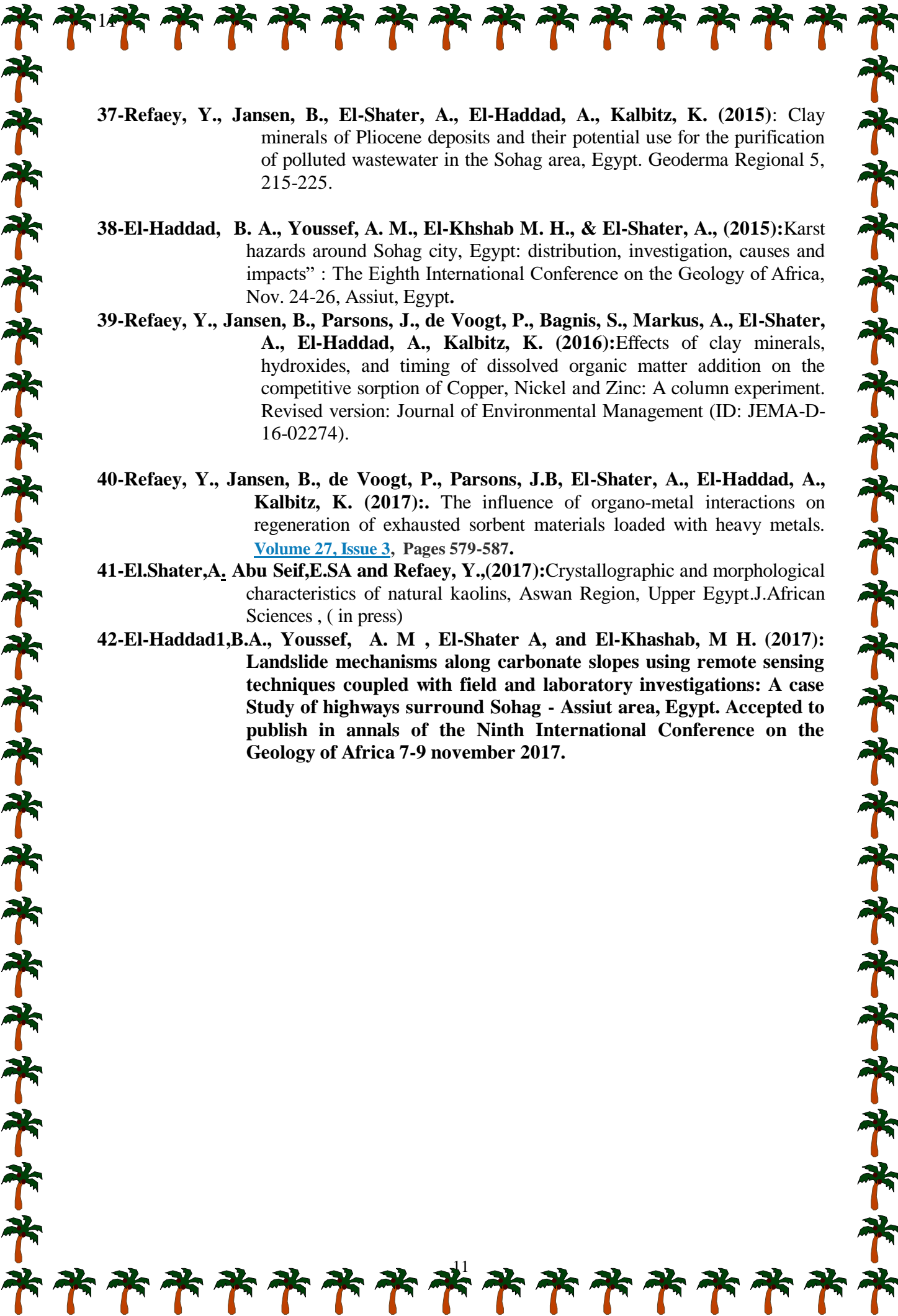
24-El-Shater ,A. and El-Haddad ,A.(2003) Paleoenvironmental significance of clay mineral associations across the Cretaceous- Tertiary in Upper Egypt. The 10<sup>th</sup> Euroclay Meeting, Athens ( Abstract)


25- El-Haddad .A, El- Shater, A., Yousef,A. and Abdel-Mounem,A., (2005) :New occurrence of post-Eocene gravels, West of Sohag area : geological significance and its suitability for different applications. 4<sup>th</sup> international conference on the geology of Africa ,Assiut University.

26-Mahran,T.M.; El-Shater,A.;Bekeir, R.; and. Abu Seif,E.S.A, (2006):Sedimentology and Sequence stratigraphy of Oligocene–Middle Miocene sediments in the area south of Wadi Um Ghaig, Red Sea, Egypt: effect of eustasy and


tectonics. The 44<sup>th</sup> annual meeting of the geological Society of Egypt , 19-20 December, Cairo.

- 27- Abu Seif,E.S.A.; El-Shater ,A. El-Haddad .A and Refaey, Y., (2009):Mineralogical and Geotechnical studies on the weathered zones of the basement rocks of Aswan Area, Egypt. 6<sup>th</sup> international conference on the geology of Africa ,Assiut University.
- 28-El-Shater ,A. ;I-Sherif .M. El-Khashab, H.M. A., Abu Seif,E.S.A., (2010): Geotechnical properties of expansive clay shales in Gharb Elmawhoob area, Dakhla Oasis, Western Desert, Egypt.(presented in 2010 Trilateral Meeting on Clays , Spain )
- 29-EL-Sayed Sedek Abu Seif and El-Shater, A.A. (2010) : Engineering aspects and associated problems of flood plain deposits in Sohag Governorate, Upper Egypt. Journal of American Science;6(12):1614-1623].
- 30- El-Shater, A.A. (2012) : Characterization of soil clay minerals of the River Nile sediments, Sohag region, Egypt : decomposition of x-ray diffraction patterns. ( presented in 2012 the 6<sup>th</sup> Mid-European Clay Conference ,Prague, Republic of Czech) and in press Journal of Earth Science and Engineering (JEASE).
- 31- Ahmed, A. A.,Diab, M. Sh, Abu El Ella, S. M., El-shater, A. (2013): Urbanization, agriculture and degradation of groundwater quality: Case study of Nile Valley, Luxor, Egypt. InternationalConference on Water Resources and Environment, Istanbul – Turkey, 24th-28th of November.
- 32- El-Haddad, B. A., Youssef, A. M., Mahran, T. M., & El-Shater, A., (2013): Material mapping in the western desert of Egypt using remote sensing and field investigation: a tool for managing urban development. The 7th Int. Conf. for Develop. and the Env . in the Arab world, March, 23-25, 2014. Pp 527-538
- 33-El-Haddad, B. A., Youssef, A. M., Mahran, T. M., & El-Shater, A., (2013): Mapping of Pliocene-Pleistocene Rock Units Using Enhanced Thematic Mapper Plus ETM+: Case Study, Wadi Qasab Area, South East Sohag, Egypt: The Seventh International Conference on the Geology of Africa, Nov. 24-26, Assiut, Egypt.
- 34-Mahran, T. M., El-Shater, A. Youssef, A.M & El-Haddad, B. A (2013): Facies analysis and tectonic-climatic controls of the development of Pre-Eonile and Eonile sediments of the Egyptian Nile west of Sohag. The 7<sup>th</sup> international conference on the geology of Africa, Assiut, Egypt,(Abstract).
- 35-Refaey, Y., Jansen, B., El-Shater, A., El-Haddad, A., Kalbitz, K. (2014): The role of dissolved organic matter in adsorbing heavy metals in clay-rich soils. Vadose Zone J., Vol. 13 No. 7.
- 36-El.Shater,A. El-haddad,A., El-Attar.A and Soliman,W..( 2015): Bentonite in the Paleonile sediments of Sohag region, Egypt. The Second International Conference on New Horizons in Basic and Applied Science, Hurghada, Egypt

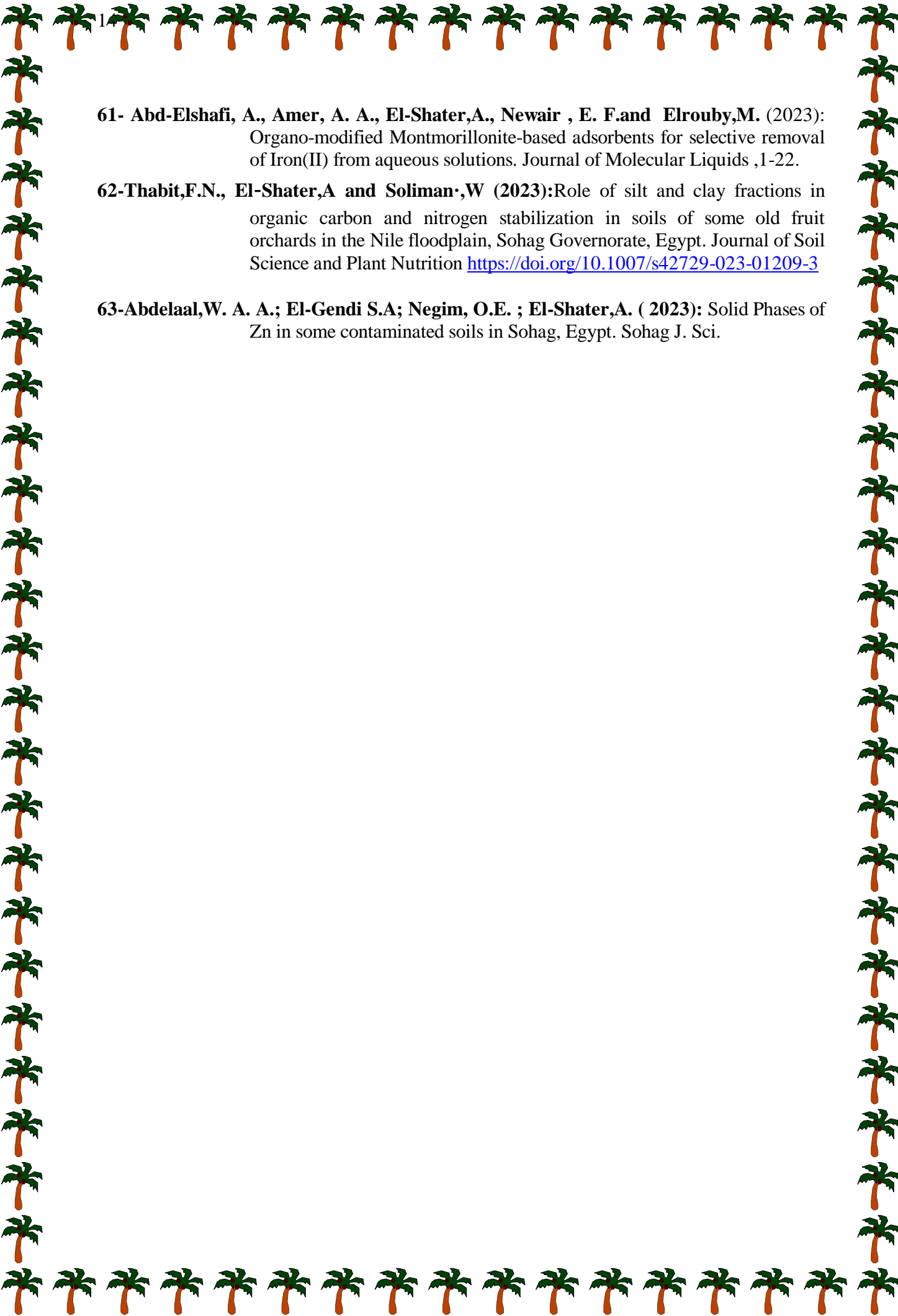
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- 37-Refaey, Y., Jansen, B., El-Shater, A., El-Haddad, A., Kalbitz, K. (2015): Clay minerals of Pliocene deposits and their potential use for the purification of polluted wastewater in the Sohag area, Egypt. *Geoderma Regional* 5, 215-225.
- 38-El-Haddad, B. A., Youssef, A. M., El-Khshab M. H., & El-Shater, A., (2015): Karst hazards around Sohag city, Egypt: distribution, investigation, causes and impacts” : The Eighth International Conference on the Geology of Africa, Nov. 24-26, Assiut, Egypt.
- 39-Refaey, Y., Jansen, B., Parsons, J., de Voogt, P., Bagnis, S., Markus, A., El-Shater, A., El-Haddad, A., Kalbitz, K. (2016): Effects of clay minerals, hydroxides, and timing of dissolved organic matter addition on the competitive sorption of Copper, Nickel and Zinc: A column experiment. Revised version: *Journal of Environmental Management* (ID: JEMA-D-16-02274).
- 40-Refaey, Y., Jansen, B., de Voogt, P., Parsons, J.B, El-Shater, A., El-Haddad, A., Kalbitz, K. (2017):. The influence of organo-metal interactions on regeneration of exhausted sorbent materials loaded with heavy metals. [Volume 27, Issue 3](#), Pages 579-587.
- 41-El.Shater,A. Abu Seif,E.SA and Refaey, Y.,(2017):Crystallographic and morphological characteristics of natural kaolins, Aswan Region, Upper Egypt.*J.African Sciences* , ( in press)
- 42-El-Haddad1,B.A., Youssef, A. M , El-Shater A, and El-Khashab, M H. (2017): Landslide mechanisms along carbonate slopes using remote sensing techniques coupled with field and laboratory investigations: A case Study of highways surround Sohag - Assiut area, Egypt. Accepted to publish in *annals of the Ninth International Conference on the Geology of Africa* 7-9 november 2017.

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- 43- **Ahmed M. Youssef, Abdel-Hamid El-Shater, Mohamed H. El-Khashab, Bosy A. El-Haddad (2017):** Karst Induced Geo-hazards in Egypt: Case Study Slope Stability Problems Along Some Selected Desert Highways. *GeoMEast Conference "Sustainable Civil Infrastructures: Innovative Infrastructure Geotechnology"* Volume: Engineering Geology and Geological Engineering for Sustainable Use of the Earth's Resources, Urbanization and Infrastructure Protection from Geohazards, Sustainable Civil Infrastructures, DOI: 10.1007/978-3-319-61648-3\_11
- 44- **Ahmed M. Youssef, Abdel-Hamid El-Shater, Mohamed H. El-Khashab, Bosy A. El-Haddad (2017):** Coupling of field investigations and remote sensing data for karst hazards in Egypt: case study around the Sohag City. *Arabian Journal of Geosciences* 10(11). DOI: 10.1007/s12517-017-3029-6
- 45- **Bosy A. El-Haddad, Dr. Ahmed M. Youssef, Abdel-Hamid El-Shater, Mohamed H. El-Khashab (2017):** Slope Stability Hazard Assessment Using 3D Remote Sensing and Field Sketching Techniques Along Sohag-Red Sea-Cairo Highway, Egypt. *Conference of World Landslide Forum (WLF4): Advancing Culture of Living with Landslides* At: Ljubljana, Slovenia Volume: Volume (2) Set (1) Advances in Landslide Science. DOI: 10.1007/978-3-319-53498-5\_47
- 46- **Abd-Elkareem, E., Asran, M. & El Shater, A. (2017):** damage blocks granite OF Philip Arrhidaios Compartment and its source and treatment, Karnak, Egypt. *Egyptian Journal of Archaeological and Restoration Studies*. Volume 7, Issue 2, December - 2017: pp: 111-121
- 47- **Abu Seif, S.S., Bahabri, A. A. and El-Shater, A. (2018):** Geotechnical properties of Precambrian carbonate, Saudi Arabia. *Arabian Journal of Geosciences* 11:500
- 48- **El-Shater, A., El-haddad, A., El-Attar, A. and Soliman, W.. (2018):** Characterisation of a Pliocene Egyptian bentonite from Sohag region for pharmaceutical use. *Arabian Journal of Geosciences*, 11:385.
- 49- **Elshater, A., Khashab, M.A. El-Sherif, M.A. and Abu Seif, E.S. (2019):** Geological and Engineering Characteristics of Expansive Soils in Western Desert, Egypt. *Civil.Eng.Res.J.*;7(2):555707. DOI:10.19080/CERJ.2019.07.555707.



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- A decorative border of palm trees surrounds the text. The border consists of a top row of 15 palm trees, a bottom row of 15 palm trees, and two vertical columns of 15 palm trees each on the left and right sides.
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