**Curriculum Vita for**

Professor : Nadia Abd El Fattah Sharara



Full name : **Nadia Abd Elfattah Sharara**

First name**: Nadia**

Family name : **Sharara**

Sex **: Femal**

Nationality **: Egyptian**

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# Academic Qualification

# B.Sc., Special Geology June 1964(Honors), Geology Department, Faculty of Science, Cairo University

# M.Sc. 1968   ,   Geology Department, Faculty of Science, Cairo University ,

# Ph.D. 1974 , Geology Department, Faculty of Science,Assiut University

# 2- Appointments

**Employment History :**

2000 – present   :  Professour of Economic Geology and Geochemistry ,Geology Department , Faculty  of Science , Assiut University , Egypt

1984 – 2000  :  Associate Professour ,Geology Department , Faculty of Science ,Assiut   University ,Assiut ,Egypt Assiut

 1974 -- 1978    :    Associate Professour , Geology Department . Faculty Of Science ,Oran University, Oran , Algeria

!968 - 1974    :    Assistanat Lecture ,Geology Department ,Faculty of Science ,Assiut University, Assiut   Egypt

!965 - 1968    : Demonstrator at the  National Research Center Cairo ,Egypt .

**3-****Scientific achievements**

The major Scientific achievements  are in the field of Economic Mineral Deposits and their host rocks . Genesis of ore Minerals (especially Lead , Gold , ,Iron ,Tin, Molybdnum Uranium, ,PGEs and other non-metalic mineralizations ). The geochemical dispersions of the  different heavy metals in the mining areas and its application as a path finders in mineral and ore prospection as well as the Geochemistry of ores  and  rocks hosting these mineralization. Current interests include environs and behavior of the elements on all biota ( Medical Geology).

# 4-Total Publications

# 1- Ouda, Kh. & *Sharara, Nadia*. (1978a): Electron-microscopical studies on the ultrastructure and perforation of the Egyptian Miogypsinidae. Riv. Ital. Paleont. Strat., vol. 84, pp. 4-57.

# 2-Ouda, Kh. & *Sharara, Nadia*. (1978b): Non Radiate wall ultrastructure in Lepidocyclina Gümbel. Rev. Española de Micropaleontol., vol. 10 (2), pp. 323-336.

# 3- El Shazly E. M. and *Nadia Sharara A. F*. (1981)Correlation of Trace Elements In Some Galena Samples From Egypt ,Iraq and Tunis Egypt. J. Geol. Vol. 25,No1,2, pp. 67-84 Cairo.

# 7-*Sharara Nadia A.F*. ,Habib M. and Khedeer E. (1982) Geochemistry of Mueilha tin bearing occurrences eastern Desert ,Egypt . J. Geol.

# 4*-Sharara Nadia A.F*. (1983) Comparison Between the Mineralogy and Geochemistry of Barite Mineralization From Rabigh Saudi Arabia and ElGara ElSoda Egypt .Egypt J.Geol. Vol. 27 No 1-2 pp. 133-151 Cairo.

# 8-Habib M. and *Sharara nadia A.F*. (1983) Detectin of iron ore at Wadi El Muweih area due west of Quseir ,Egypt Using Digital Processing of landsat Data .Machin processing of Remotely Sensed Data Symposium ,1983 ,5pp

# 5-*Sharara Nadia A. F. (*1984) Petrochemical and Geochemical Studies on Some Mid-Tertiary Basalts From Egypt .Egypt J.Geol., vol.28,no.1,pp.83-112

# 6-El shazly E.M.and *Sharara Nadia A.F*. (1984) Metal Distributin in Gypsum –Anhydrite Geological Sections From the Red Sea and Gulf of Suez Coastal Zones and the northen western Desert and their significance ,Egypt. J.Geol., vol.28, no.1, pp. 35-46

# 9-  *Sharara, Nadia A.F.*, Abu El Ela, F.F., El Nady, O.M. and Soliman,M.F.(1990) : Geology and  Geochemistry of the island arc association around Gebel El Urf, Eastern Desert, Egypt. Bull. Fac. Sci., Assiut Univ., vol. 19(1-F), pp. 97-122.

# 10-  El Nady, O.M., *Sharara, Nadia A.F.* and Abdel Aziz, Y.M. (1994): Geology and Geochemistry of the Atud and Um Rus Gabbros, Eastern Desert, Egypt. Bull. Fac. Sci., Assiut Univ., vol. 23, (1-F), pp. 577-594.

# 11- *Sharara, Nadia A. F.,* El Nady, O. and Hawa, Y.M. (1995): Mineralogy, geochemistry and genesis of the gold mineralization of Gebel Atud and Um Rus district, Eastern Desert, Egypt. Journal of Environmental Sciences, vol. 10, no. 2, pp. 143-182, Mansoura.

# 12*- Sharara, Nadia A.,* and Koeppel, V. (1998): Pb isotope date of galena from the Red Sea coastal strip, the Eastern Desert and the Western Desert: Metallogenetic implications. The 11th Meating of the Mineralogical Society of Egypt, December 5, 1998 (Abstract).

# 13- *Sharara, Nadia A. ,* Wilson, G.C. and Rucklidge, J. (1999): Platinum-group elements and gold in Cu-Ni-mineralized peridotite at gabbro Akarem, Eastern Desert, Egypt. The Canadian Mineralogist, vol. 37, Part 5, pp. 1081-1097.

# 14-Schandl, E., *Sharara, Nadia A.* and Gorton, M.P. (1999): The origin of the Atshan Talc deposit in the Hamata area, Eastern Desert, Egypt: A geochemical and mineralogical study. The Canadian Mineralogist, vol. 37, Part 5, pp. 1211-1227.

# 15- *Sharara, Nadia A.*  (1999): Stable isotopes and  fluid inclusions of the gold mineralization at El Sukkari district, central Eastern Desert, Egypt: Genetic constraints. Proc. of the 4th Conf. On Geochemistry, Alex. Univ., vol. 1, pp. 317-339.

# 16- *Sharara, Nadia A.*  and Vennemann, T.W. (1999): Composition and origin of the fluid responsible for gold mineralization in some occurrences in the Eastern Desert, Egypt: Evidence from fluid inclusions and stable isotopes. Proc. of the 1st Intern. Conf. on the Geology of Africa, Assiut, Egypt, vol. 1, pp. 421-445.

# 17- *Sharara, Nadia A.* (2000): Gochemistry and genesis of the specialized stanniferous granites of the central Eastern Desert of Egypt. Bull. Fac. Sci., Assiut Univ., vol. 29 (1-F), pp. 1-26

# 18-    Eva S. Schandl , M.P.Gorton and *Nadia A. Sharara* (2002): The origin of major talc deposits in the Eastern Desert Of Egypt : relict fragments of a metamorphosed carbonate horizon ?.Journal of African Earth Sciences  , 34 ,259-273.

# 19- *Sharara*  *Nadia A.* (2004) :The origin and   evolution of the griesenizing fluids and their related plutonic rocks at Meulha & Igla  Sn  and  Sn-W  mineralizations  , Centeral  Eastern Desert ,Egypt . ( Geochemistry ,Fluid Inclusions, and Stable Isotopes ) ,Cassiterite 32nd IGC- Florence ,Italy, G14.03  (Abstract)

# 20 -Hasan, S.E*; Sharara, Nadia*, El Nady, Osman, and Gamal, Boghdady, 2006. A Preliminary Report on Potential Link Between Heavy Metals and Health, Nile River Islands, Near, Egypt. *Abstracts with Programs,* V. 38, No. 7, Geological Society of America,Boulder, CO; p. 151.

# 21- *Sharara, Nadia (*2010): Genetic Aspect of Talc mineralization in Egypt , and talc use( health Impact ), The Second International Forum & Exhibition on Economics of Mineral Resources in the Arab World. 8th Conference Economix meeting, Cairo; 01/2010

**4-Courses Taught (last Ten years  *Previous   Teaching Experiences)***

*Under graduate students teaching courses* ***:***

*Fundamentals of Optical Mineralogy (2nd year students) , Mineralogy & Petrology of Rock forming Minerals (2nd years students ) ; Geochemistry , Radioactive Minerals ,,Ore Microscopy , Ore Prospection , and Economic Geology (4th year students )*

Post Graduate Students teaching courses :

Geochemistry of hard and soft Rocks , Ore forming processes and Isotope geology

5- Collaborators and Other Affiliations

*1-Thesis Advisor:* ***(*** *submitted and awarded* ***)*** *Total numbers of Four M.Sc. Thesis and One Ph.D. Dissertation .*

*2-Collaborators****(in alphabetical order)***

*Wilson,G(Toronto,Uni.Canada),Ruckledge,,J,(Toronto,Uni,Canada)), Gorton,M,(Toronto,Uni,Canada),Schandle,Eva(Toronto,Uni,Canada) ,Kooppel,V,(Swiss,Zurich,ETH),,Vennemann,(Tubengen,Uni .,Germany)*

***6-* Other University Activities/ or Synergistic activities:**  *:*

*( Professional and public education related activities )*

Member of the editorial board of the international Conference On the Geology of Africa held at Assiut On 1999 , 2001 , 2003 , and 2005

Member of the scientific committee   of the Faculty of Science Assiut University ,for the development of earth Science Education .

 Supervisor of the Geological Museum of Assiut University.(2002-present)

Supervisor of the Geochemical Lab. Of the Geology Department ,(1978 –1995)

**7- Awards and Honors*:***

***National Representative of Egypt to the Committee Of mineralogy in the International Mineralogical Association (IMA) for the Commission of History and Teaching (CHT) until 2004 .***

**8- Community Services:**

Member of the research team of the following applied projects :

1. Geological and geophysical studies on the area propose location of New Assiut Settlement ,Wadi El- Assiuti ,Financed By Ministry of Housing and New Settelments .1995-1996
2. Production of counter maps scale 1:25000 for the proposed location of the New Assiut Settelment , Wadi El –Assiuti ,.Financed by the Ministry of Housing and Settelments, 1995-1996 .
3. Ground Water resources assessment and land use evaluation in Wadi El –Assuiti ,Assiut .Ministry of international cooperation.1993-1996 .
4. Ground water resourse mangment and land use evaluation in the southern entrance oif Wadi Qena ,Eastern Desert of Egypt ,,Ministry ofd international Cooperation .1995- 1998

5- Ground water resources assessment and land reclamation in wadi El Nuqra (Natash) Eastern Desert ,Egypt ,Ministry of international Cooperation 1995-2000.

6 - Exploration evaluation and mangement of ground water resources in Assiut Cement Company Farm and Khor areas ,Assiut .1995.

7- Evaluation of groundwater in the area of Sugar Company ,Farm ,Kom Umbo Dec.1992 – Oct. 1993

**9- Membership of Professional Societies :**

!- Member of the Geological Society of Egypt .

1. Member of the Geological Society of Africa.
2. Member of the Mineralogical Society of Egypt .
3. Member of the International Association for Applied Geochemistry (IAGC)
4. Member of the International Medical Geology Association ( I MGA )

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