



## *Curriculum Vitae*

Prof. Dr. Hassan Al Fugha  
Geol. And Mineral. Dept.  
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### **Prof .Dr. Hassan Alfugha**

#### **PERSONAL DATA**

Date and place of Birth : 14/11/1954 Madaba  
Nationality : Jordanian  
  
Height: 175 cm  
Weight: Excellent  
Marital Status: Married 4 children  
Hobbies: Tennis, Soccer, Chess, and Backgammon  
Language: Read, Write and speak both Arabic, English and  
German fluently

#### **EDUCATION**

1982 Geological Diplom: Stuttgart university, Germany.  
1985 Germany Mineralogy Ph. D. Technische Universitaet Tuebingen,  
Germany.

## **WORK EXPERIENCE**

### **Feb. 1986 - Feb.1995**

Assistant Professor, Geology Department, University of Jordan.

### **Feb. 1995 - Mar.2003 Associate Professor, Geology Department, University of Jordan.**

Oct. 2004 Professor. Geology Department University of Jordan.

### **Sept. 2006/2007**

Sabbatical Leave, Tafila 2006 chairman of the Engineering. Geology Department.

### **Sept. 2007/2008**

Sabbatical leave Hashemite University

### **Sept. 2008/2009**

Director Center of Environmental Studies Hashemite University - Jordan.

## **SCHOIARSHEPS AND AWARDS**

July, 1988-August, 1988: DAAD Research Scholarship

July, 1990-August, 1990: DAAD Research Scholarship

## **COURSES TAUCHT**

The undergraduate and graduate level courses that I have been teaching for the last few years are listed below . Please note that not all of these courses are taught each semester . Some are taught annually, Others are taught every second year or on demand.

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|--------------------------|----------------------------|
| 1.Geology 101            | 2. Geology 102             |
| 3. Mineralogy            | 4. Geochemistry            |
| 5. Environmental Science | 6.Exploration Geochemistry |
| 7. Economic Geology      | 8. Environmental Geology   |

## COMMITTEE INVOLVEMENT

Has been member of the following faculty senate committees:

- Academic Promotion
- Graduate Studies
- Instructional Improvements
- Faculty Grievance
- M. Sc. And Ph. D. Examining committees (More than 20 Student).
  
- \*النشاط العلمي والأكاديمي وإداري (حضور مؤتمرات إشراف على بحوث عضوية اللجان ... الخ)
- - المؤتمر الجيولوجي الثالث 1988
- **"The Mantle under NE-Jordan as deduced from the ultramafixcenoliths in the alkali basalt of the Aritin volcano"**
- 
- - المؤتمر الجيولوجي الرابع 1990
- **"Spinel Lherzolite xenolith from Tafila area"**
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- - المؤتمر الجيولوجي الخامس 1995
- **"Mineralogy, Geochemistry and petrogenesis of volcano Tuff from Weatern Jordan Geolgoical conference"**
- 
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- - المؤتمر الجيولوجي نقابة الجيولوجيين 1996
- **"Basanite rocks in central Jordan: An Appropriate row material for wool rock industry"**
- 
- - المؤتمر الجيولوجي السادس 1998
- **"The nature of the upper mantle benath Jordan area"**
- 
- - المؤتمر الجيولوجي السابع 2001
- **"Lithosphric mantle petrogenesis Evidence from ultramafic Xenoliths"**
-

- - المؤتمر الجيولوجي الثامن 2004
- **"Xenoliths in selected vocano Jordan" The 8<sup>th</sup> international con ferance of Jordanian Geologists Association 2004"**
- 
- - المؤتمر العلمي السابع جامعة الأزهر 2010
- **"Seventh International Scientific Conference, Al – Azhar University (ISC AZ 2010)**
- 
- - المؤتمر العالمي الخامس للبيئة 2011
- **"5<sup>th</sup> international congress of chemistry and Environement at MALAYSIA"**
- **International Conference on the Geology of The Arabien Plate and the Oman Mountains,2012 Sultan Qaboos University,Oman**
- **125<sup>th</sup> Anniversary Annual Meeting and Expo,2013,Denver,Colorado USA**
- **The 11<sup>th</sup> Internationl Confernce of the Jordanien Geologesit association**
- **2015 amman Jordan**
- **GSA Conference at Wyoming,Casper2015 USA**
- **International Conference on National Sustainable Development and Diasater Management NSDM 2016 de Montfort University,Leicester,United Kingdom**

### List of Publications And Current Research

- **Nasir, & Al-fugha, H(1989): Spinel-Lherzolite Xenoliths form the Aritain Volcano, NE-Jordan Mineeral and Pertology38:127-137.**
- **Saffarini, G&Al-Fugha. (1989): Opaque Mineral Oxides in Cenozoic Jordanian Basalts: A preliminary study Dirasat Vol.XVI(2)3894.Amman.**
- **Al-fugha.H,(1991): Nephelinites with mantle xenoliths From Dana / Central Jordan Dirasat-Amman Number2.Vol.18B.**

- **M-H Mohammad, & Al-Fugha,H.;(1991); on the origin of the upperCretaceous flint in Central Jordan Sci;Bull. Minia Univ.Vol.4(1).**
- **Al-Fugha, H. (1993): Geochemistry and Pertogenesis of Nehpheline Bearing Rocks form west central Jordan "Dirasat No.3Vol20B. Amman.**
- **Al-Fugha, H. (1993). Geochemistry Mineralogy and Petrogenesis of Northeastern Jordan Basalt. Dirasat, No 1,Vol20B, Amman.**
- **Al-Fugha, H. (1995): Spinel Lherzolite xenoliths form Jabal AlQiranah Basalts Central Jordan Mu,tah University Vol 10(2).**
- **Al-Fugha, H. (1994): Mineralogy, Geochemistry and Perogenesis of Volcano Tuff from western Jordan, Geological Conference(5).**
- **Al-Fugha, H. (1995): The nature of uppermantle beneath Jordan, Geological Conference(6).**
- **Al-Fugha, H. (1996): Basanites with mantle xenoliths form Jabal EIDabusa/ W. central Jordan, Mu'tah Journal for research and studies No.3VO,11.**
- **Al-Fugha, H. (1996): Basanites Rocks in Central Jordan; An Appropriate row material for wool rock industry, Mu'th Journal for research and studies No.1Vo,11.**
- **Al-Fugha, H. (1996). Mineralogy, Geochemistry and Petrogenesis of Volcanic Tuffs from Ataraws. Jordan , Mu,tah Journal for research and studies. No.1VO112.**
- **Al-Fugha, H. (1997). Role of spring water, Quality in Travertine Depositions in the area of Zarqa main in Jordan. Dirasat Jordan University. No2 Vol.24.**
- **Al-Fugha, H. (1999). Dead Sea Region Fault-controlled chemistry of Cenozoic Volcanic. Geolines (preha) Vo1.9.**

- **Al-Fugha, H. (2002): Petrology and petrogenesis of late Paleozoic dyke swarm in south Jordan. Neues Jahrbuch fuer Geologic and palaeontologie, 4,201-219.**
- **Malabeh A., Al Fugha H., T, El-Hassan(2004). Petrology and geochemistry of late Precambrian magmatic rocks form S Jordan. Neues Jahrbuch for Geologie and palaeontologie. V233(3) 333-350.**
- **D., Closson, N, Aboukarki: M. Hussein; H. AL Ifugha; A., Qzer, and A., Mubsrs (2003): Subsidence et effondrements le long du littoral Jordanien de la mer morte: apportemde la-grauietrie et del, Geophysique intern C-R-Geoscience, V335:869-879. paris.**
- **Al-Fugha, H. (2004). Lithosphric mantle petrogenesis Evidence form ultramaficxenoliths in selected volcanoes, Jordan: the 8<sup>th</sup> international Conferece of Jordanian Geologists Association,.**
- **Al-Fugha, H. (2006). Petrology and Geochemistry of upper mantle xenoliths from Tel.Remah Volcano. NE Jordan Mu'tah Journal. Vol,21.No.3.**
- **Damien, C., La Moreaux, P. Abu karaki, N. & Al Fugha, H: (2006): Karst system developed in salt layers of the lisan Peninsula Dead Sea - Jordan. Environmental Geology USA. Dot 10.1007.**
- **Al Fugha. H., Al-Amaireh, M., (2007): Petrology and origin of ultramafic xenolithes form North eastern/Jordan, Volcanoes, American Journal of Applied Sciences. New York. USA V.4(7),491495.**
- **A Malabeh, T, El-Hassan, K., Gadi, H. Al Fugha (2008): Geochemistry of some opaque Mineral Oxides form Andesitic Dike/ southern Jordan. Abhath Al-Yarmouk Journal pure science and engineering Vol.17. No1(A).**
- **Alfugha,H ,Air pollution in zaraga area Jordan.Enviromantal and chemistry**
- **Conference Malaysia colalmpour 2011.**

- **Alfugha,H.,The nature of Pleistocene Volcanism in NE Jordan,The geological**
- **Conference GSA.Abstact VOL.45 No.7 (2013)**
- **Alfugha.H.,et.al.,(2013).Mieralogy,Geochmisty,and Origin of Felsic dike swarms inAqaba complex,S jordan Arab J.Geosci.Vol.6,PP.39793987**
- **Al-Fugha,H.and Ibrahim,Bany-Yaceen Petrography,Geochmestry, and Petrogenesis of Pleistocene Basaltic Flow from Northwest Atarous Area,Central Jordan IJG USA 2019**
- **AlFughaH.and Malabah,A>.Mineralogy,Geochemistry and Petrogenic of Cretaceous Chert from Wadi Al-Wala cental Jordan submitted to Iraqi gelogy associate 2019**