

Curriculum Vitae

Personal detail

Name: *Sabah Ahmed Ismael Khaiat*

Date and place of birth: *2-9-1958, Kirkuk- Iraq.*

Marital status: *Married, three children*

Position: *President of Kirkuk University*

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Qualifications

Complete Post-Doctorate in Geochemistry, University of Wollongong, Australia, 2008.

Ph.D. in geology (Mineral geochemistry) University of Baghdad, Iraq, 1997.

Complete M.Sc. in geology (Mineral geochemistry) University of Baghdad, Iraq, 1989.

Complete B. Sc., geology, University of Baghdad, Iraq, 1980.

Academic Awards

2012- Australian Endeavour Executive Fellowship

2010- Canadian Scholarship, University of Dalhousie, Halifax, Canada.

2080- Australian Endeavour Research Fellowship/ University of Wollongong, Australia.

2005- Japanese Scholarship, Kanazawa University, working on mantle section from Iraq.

Experience

2019-continue President of Kirkuk University

2016-2019 Dean / Education College for Pure Sciences, Kirkuk University

2013- Continuous. Consultant, Journal of Kirkuk University- Scientific Research, Iraq.

2010- 2012. Chief Editor, Journal of Kirkuk University- Scientific Research, Iraq.

2009- Continuous, Professor at Kirkuk University.

2009- Scientific committee of First Scientific conferences of Kirkuk University, Iraq.

2009- Scientific Committee of 3MA International conferences, Morocco.

2007- Continuous Coordinator between French Total Oil and Kirkuk University.

2006- 2010. Editorial board, Journal of Kirkuk University- Scientific Reserch, Iraq.

2005-2011 Head of Applied Geology Department, Kirkuk university- Iraq.

2005–2009 Associated professor of geology, Dep.of geology Kirkuk Univ., Kirkuk –Iraq.

2002-2005. Associated professor of geology, Dep.of geology Salahiddin Univ.,Erbil, Iraq.

1997 to date gave theoretical practical lectures in geochemistry and ore geology , Mineralogy, Mineral chemistry to PhD., Msc & Bsc student. .

1997-1998 lecture of geology, Dep. of geology, Mosul Univ., Iraq.

1991-1996 Assistant lecture, Dep. Of geology ,Mosul Univ., Iraq.

1981-1987 Geology in Iraqi geological survey and Mineral Investigation.

Publications

Heider Al Humadi, Markku V., **Sabah A. Ismail**, Jaakko Kara, Yann Lahaye, Marja Lehtonen, Hugh O'Brien, 2019, U-Pb geochronology and Hf isotope data from the Late Cretaceous Mawat ophiolite, NE Iraq, *Heliyon*, 5, e02721

Kettanah, Y.A., **Ismail, S.A.**, 2018. Petrogenesis of Alta'ameem meteorite (Iraq) inferred from major, trace, REE and PGE+Au. *J. African Earth Sciences* 139 (2) 260-274.

Baban, D.H., **Ismail, S.A.**, Al Jabary, P.T., 2018. Palynofacies Analysis and Hydrocarbon Generation Potential of the Tithonian-Berriassian ChiaGara Formation from Selected Wells in Ajil, Hamrin, and Tikrit Oilfields, Northern Iraq. *Kirkuk University Journal /Scientific Studies*, 13 (2), 18-39.

Ismail, S.A., Ali, S.A., Nutman, A.P., Vickie C., Jones, B.G., 2017. The Pushtashan juvenile suprasubduction zone assemblage of Kurdistan (northeastern Iraq): A Cretaceous (Cenomanian) Neo-Tethys missing link. *Geoscience Frontiers*, 8(1):1073-1087.

Ismail, S.A., Rashid, S.M., 2017. Health Risk Assessment of Heavy Metals for Population via Consumption of Vegetables Collected from Khassa River, Kirkuk City, Northern Iraq. *International Journal of Current Research and Academic Review*, 5(1): 104-110.

Ali, S.A., **Ismail, S.A.**, Nutman, A.P., Vickie C., Jones, B.G., 2016. The intra-oceanic Cretaceous (~ 108 Ma) Kata–Rash arc fragment in the Kurdistan segment of Iraqi Zagros suture zone: Implications for Neotethys evolution and closure. *Lithos*, 2060, 154-163.

Kettanah, Y.A., **Ismail, S.A.**, 2016. Heavy mineral concentrations in the sandstones of Amij Formation with particular emphasis on the mineral chemistry and petrographic characteristics of monazite, western desert of Iraq. *Journal of African Earth Science*, 123, 350-369.

Hassan, M. Jones, B.G., Buckman, S., Al Jubory, A.I., **Ismail, S.A.**, 2015. Source area and tectonic provenance of Paleocene–Eocene red bed clastics from the Kurdistan area NE Iraq: Bulk-rock geochemistry constraints. *Journal of African Earth Sciences* 109, 68–86

Hassan, M., Jones, B.G., Al Jubory, A.I., **Ismail, S.A.**, Saleh, S.M., and Al Gahtani, F.M., 2014. Geochemistry of Paleogene Red Beds in the northern Iraq foreland basin: evidence for Provenance, *Int. J. of GEOMATE*, 7, 1, pp. 938-944

Ismail S.A., Kettanah Y.A., Chalabi S.N. Ahmed A.H. and Arai S., 2014. Petrogenesis and PGE distribution in the Al- and Cr-rich chromitites of the Qalander ophiolite, northeastern Iraq:

Implications for the tectonic environment of the Iraqi Zagros Suture Zone. Lithos 202–203, (2014) 21–36.

Ismail S.A., Kettanah Y.A., Chalabi S.N. Ahmed A.H. and Arai S., 2014. Corrigendum to the paper titled “Petrogenesis and PGE distribution in the Al- and Cr-rich chromitites of the Qalander ophiolite, northeastern Iraq: Implications for the tectonic environment of the Iraqi Zagros Suture Zone” Lithos, 202–203, p 21–36

Hadi ,A., Kameran, D., **Ismail, S.A.**, 2013. Characteristics of the amphibolite rocks of Penjween area, Kurdistan Region, northeast Iraq: Genetic implication and association with Penjween Ophiolite Complexes. Journal of Environment and Earth Science 3,(4), p 22-44.

Ali, S.,A., Mohajjel, M., Aswad, K., **Ismail, S.A.**, Buckman, S., Jones, B.G., 2014. Tectono-stratigraphy and general structure of the northwestern Zagros collision zone across the Iraq-Iran border. Journal of Environment and Earth Science 4 (4), 92-110.

Ali, S.A., Buckman, S., Aswad, K.J., Jones, B.G., **Ismail, S.A.**, Nutman, A.P., 2012. Recognition of Late Cretaceous Hasanbag ophiolite-arcrocks in the Kurdistan region of the Iraqi Zagros suture zone: a missing link in the paleogeography of the closing Neotethys Ocean. Lithosphere 4, 395–410.

Ali, S.A., Bukman, S.· Aswad K.J., Jones, B.G., **Ismail, S.A.**, 2012. Geochemistry, Geochronology and Petrogenesis of Late Cretaceous Hasanbag Ophiolite-Arc Rocks in the Kurdistan Region of the NE Iraqi Zagros Thrust Zone, International conference on the Geology of the Arabian plate and Oman Mountains, Sultan Qaboos University, Oman.

Ali, S.A., Bukman, S.· Aswad K.J., Jones, B.G., **Ismail, S.A.**, 2012. The tectonic evolution of a Neo-Tethyan (Eocene-Oligocene) island-arc (Walash-Naopurdan Group) in the Kurdistan region of the NE Iraqi Zagros Thrust Zone. 14th international EMPG conference, 4th – 7th March 2012, Kiel, Germany.

Ali, S.A., Buckman, S., Aswad, K.J., Jones, B.G., **Ismail, S.A.**, Nutman, A.P., 2013. The tectonic evolution of a Neo-Tethyan (Eocene–Oligocene) island-arc (Walash and Naopurdan groups) in the Kurdistan region of the NE Iraqi Zagros Suture Zone. Island Arc 22, 104–125.

Ismail, S.A., Tola, M.M., Paul, F.C., 2010. Platinum-group elements geochemistry in podiform chromitites and associated peridotites of the Mawat ophiolite, northeastern Iraq. Journal of Asian Earth Sciences 37, 31–41.

Ali, S.A., Jones, B.G.,· Buckman, S., **Ismail, S.A.**, Aswad, K., 2010. Morpho-tectonic units of the Zagros orogenic belt, NE Iraq: a modern analogue for subduction accretion processes. NEO proceeding (2010), Australia.

Ismail, S.A., Arai, S., Ahmed, A.H., Shimizu, Y., 2009. Chromitite and peridotite from Rayat, northeastern Iraq, as a fragment of Tethyan ophiolite. Island Arc 18, 175–183.

Ismail, S.A. , 2009. Chemistry of accessory chromian spinel in serpentinites from the Penjwen ophiolite rocks, Zagros thrust zone, northeastern Iraq. Journal of Kirkuk University–Scientific Studies 4 (2), p 1-21.

Ismail, S.A. 2008.The Occurrence of the Platinum Group Minerals Laurite In The Ophiolitic–Chromitite Rocks, Zagross Thrust Zone, Rayat Area, N-E Iraq. University of Sharjah Journal of Pure & Applied Sciences 5 (3),p 75-87

Mirza, T.A., and **Ismail, S.A.**, 2007. Origin of plagiogranites in the mawat ophiolite complex,kurdistan region, NE Iraq. Journal of Kirkuk University-Scientific Studies 2 (1), 1-26..

Ismail, S.A., and Carr, P., 2008. Brief review of ophiolites in Iraq. Proceedings of the International Symposia on Geoscience Resources and Environments of Asian Terranes (GREAT 2008), 4th IGCP 516,and 5th APSEG; November 24-26, 2008, Bangkok, Thailand

Arai, S., Shimzu, Y., **Ismail, S.A.**, Ahmed, A.H., 2006. Low-T formation of high-Cr spinel with apparently primary chemical characteristics within podiform chromitite from Rayat, northeastern Iraq. Mineralogical Magazine, 70, 499–508.

Ismail, S.A., Al-Chalabi, S.A., 2006. Genesis of chromitite in Qalander Area, northern Iraq, Employing Cr-rich spinel. Journal of Kirkuk University-Scientific Studies 1, 10–29.

Tamar-Agha, M.Y.,Kettanah, Y.A., **Ismail, S.A.**, 2005. Preliminary assessment of zircon and rutile concentrations from Ga'ara sandstone (Permocarboniferous), western Iraq, Iraqi Bulletin of Geology and Mining Vol.1, No.2, p 37 – 56.

Ismail, S.A., Sadiq, S.N., 2001. Distribution and origin of heavy minerals in Habbaniyah lake .Journal.of technical Research, 88, p51-60.

Ismail, S.A. 2001.Geochemical characteristic of carbonate facieses Wadi Amij West of Iraq. Journal. of Dohuk University, 4,(2), P 44 – 55.

Ismail, S.A., Al-jubori, A.I., 2000. Contribution to the provenance of Amij sandstones from heavy mineral analysis and mineral chemistry. Rafidain Journal of Sciences, 11(4), 23-33.

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