

Academic Curriculum Vitae



Personal Information:

Full Name: Muhamed Fakhri Omer

Academic Title: Assistant Professor

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Education:

- Postdoctoral Certification/ Warsaw University-Poland 2014.
- Ph.D. of Clastic Sedimentology/ Baghdad University June 2012.
- M.Sc. of Sedimentology/ Baghdad University June 2000.
- B.Sc. of Geology/Baghdad University 1987-1988.

Employment:

- *Assistant Professor/ Salahaddin University-Science College- Earth Sciences and Petroleum Department since 2017 till now.*
- *Lecturer/Salahaddin University-Science College-Earth Sciences and Petroleum Department Department 2012.*
- *Assistant Lecturer/Salahaddin University-Science College – Earth Sciences and Petroleum Department 2004.*

Qualifications

- Course training on “ **Methods Course Certificate**” for 6 months at Salahaddin University 2012.
- Course English Language at Warsaw for 3 months March 2013.

Teaching experience:

- Sedimentology Theory & Practical 1st Semester 3rd class/ **Undergraduate**.
- Sedimentary Petrography Theory & Practical 2nd Semester 3rd Class/ **Undergraduate**.
- Basin Analysis Theory & Practical 2nd Semester 4th Class/ **Undergraduate**.
- Advanced Sedimentology-M.Sc. Student/ **Postgraduate**.
- Sequence Stratigraphy-M.Sc. Student/ **Postgraduate**.
- Advanced Clastic Sedimentology-Ph.D. Student/ **Postgraduate**.

Research and publications

1-Assad, I.Sh., **Omer, M.F.**, Ahmed, A.M., 2022, Porosity evolution and microfacies analysis of the Khurmala Formation (Paleocene-Early Eocene) from selected sections in Kurdistan Region, Northern Iraq, revealed by cathodoluminescence spectroscopy, Iraqi Geological Journal, 55, No.2.

2-**Omer, M.F.**, Friis, H., Kokfelt, T.F., Thomsen, T.B., 2021. Provenance of northern Gondwana Lower Ordovician sandstones (Khabour Formation, northern Iraq) revealed by detrital zircon using LA-ICP-MS dating. Geological Journal, Vo.56, No.10, 4905-4923.

3-Irfan Sh. Assad, **Omer, M.F.**, 2020. Facies Characterization and depositional environment of Baluti Formation (Late Triassic) from selected sections in the Kurdistan region, Northern Iraq, Arabian Journal of Geosciences, Vo.13, No. 23,

4-Irfan Sh. Assad, **Omer, M.F.**, 2019. Diagenetic history and porosity types of the Baluti Formation (Upper Triassic), Galley Derash, Duhok Governorate, Kurdistan Region, Northern Iraq, Iraqi Bulletin of Geology and Mining, Vo.15, No.2, 51-70.

5-**Omer, M.F.**, Friis, H., 2018. Cathodoluminescence, fluid inclusions, and trace element data for the Syntaxial quartz cementation in the sandstones of Ora Formation, Turkish Journal of Earth Sciences, 27, 205-231.

6-Ali, S.A., **Omer, M.F.**, Aqrawi, A.H., 2016. Petrography, geochemistry, and provenance of the Chalki rocks in Kurdistan region North Iraq, Arabian Journal of Geosciences, Vo.9, No.8, 1-15.

7-**Omer, M.F.**, 2015. Cathodoluminescence petrography for provenance studies of the sandstones of Ora Formation (Devonian-Carboniferous), Iraqi Kurdistan Region, northern Iraq, Journal of African Earth Sciences, 109, 195-210.

8-**Omer, M.F., Omer, D., and Zebari, B.G.**, 2014. High resolution cathodoluminescence spectroscopy of carbonate cementation in Khurmala Formation (Paleocene–L. Eocene) from Iraqi Kurdistan Region, Northern Iraq, Journal of African Earth Sciences, 100, 243-258.

9-**Omer, M.F., and Friis, H.**, 2014. Cathodoluminescence investigations on quartz cement in the sandstones of Khabour- Formation from Iraqi Kurdistan Region, Northern Iraq, Journal of African Earth Sciences, 91, 44-54.

Conferences and courses attended

- **1st Geological conference of Kirkuk University at Applied Geology Department**
27-28th November 2012 with oral presentation.
- **2nd an international Geological conference of GeoShale Sep.2014 Warsaw/ Poland**
24-26th September 2014 with oral presentation.
- **2nd an International Conference on Geology at Dubai 2016/ UAE** 22-23th April
2016 with oral presentation.
- **4th an International Conference on Geoscience & Geology at Dubai 2017/ UAE** 27-28th
April 2017with oral presentation.
- **Participated a Workshop at Ministry of Agriculture and Water Resources- Erbil/
Iraq 12-12-2016** under title "Engineering Geological investigation of Dam
Foundation".
- **Participated a Workshop at Kurdistan University/ Erbil 5-6/6/2017** under title
"Hydrocarbon Prospecting in North of Iraq".
- **Participated an International Conference of Geology and Earth Science at Rome/
Italy 2-4 May 2018** with oral presentation.
- **3rd International Conference of Geology & Earth Science at Valencia/Spain 10-11 April**
2019 as speaker and oral presentation.
- **Attended EGU Conference as speaker held at Vienna-Austria** from 23-27 May 2022.

Funding and academic awards

- **Attended Postdoctoral for 1 year from 2013-2014 at Warsaw University-Poland.**
Funded By Erasmus Munds European Union.
- **Ph.D. Scholarships at Aarhus University- Geosciences Department/Denmark** from Dec. 2009-Dec.2010. *Attended course training SEM-CL for three months. Funded by Ministry of Higher Education and Scientific Research-Baghdad Iraq.*
- **Awarded Certificate of Reviewing on August 2016** from *Journal of African Earth Sciences (ELSEVIER), Netherlands.*
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Professional memberships

- *1st January 2017 became a member of the new **project IGCP 635** the Onset of the Great Ordovician Biodiversification.*
- *Member of Iraq Geological Syndicate since 1988.*
- *Member of Kurdistan Geological Syndicate since 2012.*

Professional Social Network Accounts:

- **Researchgate.** https://www.researchgate.net/profile/Muhamed_Omer3
- **Linkedin .** <https://www.linkedin.com/in/muhamed-f-omer-ph-d-of-sedimentology-a36664121/>
- **Google Scholar.** https://scholar.google.com/citations?user=0_gCKTAAAAAJ&hl=en#
- **ORCID.** <https://orcid.org/my-orcid?orcid=0000-0002-1082-0681>