

Mr. Mustafa Yar

Lecturer (HoD)

Department of Geology

FATA University, Akhurwal, Darra Adam Khel, District Kohat

mustafa.afridi@yahoo.com, mustafa.yar@fu.edu.pk • Contact no. +92-345-9147039

EXPERIENCE

- Taught various subjects of geology at Bahria University, Islamabad in the capacity of Lecturer since 6th February 2012 to 10th September 2017 (**Sedimentology, Stratigraphy of Pakistan, Plate tectonics, Physical Geology & Field Geology**).
- Currently Lecturer of Geology at FATA University, Akhurwal, Darra Adam Khel, F.R Kohat

ACADEMICS

PhD Scholar in National Centre of Excellence in Geology, University of Peshawar, Khyber Pakhtunkhwa, Pakistan.

2013 **MS (CGPA 3.42)** Structural/Metamorphic Geology from National Centre of Excellence in Geology, University of Peshawar, Peshawar, Pakistan.

Thesis title: “**Tectono-metamorphic Evolution of Mula Gori area, Khyber Agency, NW Pakistan**”.
(Microstructure: Inclusion trails preserved in Garnet Porphyroblast)

2008 **BS Geology(A-Grade)**, Department of Geology, University of Peshawar, Pakistan.

Thesis title: “**Petrography of sandstone from Murree Formation Jena Kor area, FR Peshawar. With special emphasis on provenance and diagenesis**”.

2003 F.Sc A-Grade

2001 SSc A-Grade

PUBLICATIONS

ABSTRACTS

1. Khan, M. A., Safi, U., Khan, M., Mehboob, A., Ali, B., **Yar, M., 2016**. Faunal assemblage and Sedimentological characteristics of the Carbonate sequence in Hanging Wall of Main Boundary Thrust (MBT), Shah Alla Ditta, Islamabad, Pakistan. Conventional & Unconventional Resource Exploration-Hydrocarbon Energy Challenges & Solutions’ (CURE-HECS), Bahria University Research Journal of Earth Sciences.

2. Nawaz, A., Saboor, A., Khan, M.A., Hashmi, S.I., **Yar, M., 2016**. Reservoir characterization of the Samana Suk Formation from KhawriKhwar Section, Nizampur Basin, KhyberPakhtunkhwa. Abstract volume and program, Earth Science Pakistan, Baragali Summer Campus, University of Peshawar, Journal of Himalayan Earth Sciences, 113.

3. **Yar, M.,** Arif, M., Afridi, A.K., Saeed, M., Ali, A., Ziad, M., **2015.** Petrography, Provenance and Diagenetic study of sandstone from Murree Formation, Peshawar Basin, Pakistan. DYNAMIC EARTH from Alfred Wegener to today and beyond (GeoBerlin Conference, Germany).

4. Ghani, H., Javed, I., Saeed, A., Khan, I., **Yar, M., 2013.** Role of kinematics of salt range thrust in the structural evolution of kallar kahar & surrounding areas, Punjab, Pakistan. International Conference, Baragali, Summer campus, University of Peshawar (Conventional and Unconventional Hydrocarbon Potential of Pakistan).

RESEARCH PAPERS

1. **Yar, M., 2019.** Correlation of multiple deformation events in an area: Example from schistose rocks of lesser Himalayas, NW Pakistan. *Journal of Earth System Science*, V. 128(4)
<https://doi.org/10.1007/s12040-019-1127-4>

2. **Yar, M.,** Khan, U.J., Joya, M.G., Javed, M.S., **2017.** Petrography of Jutana dolomite; Implications for geotechnical utility. *International Journal of Economic and Environmental Geology*, V. 8(3), 51-55.

3. Khan, M.A., Khattak, N., Ali, B., **Yar, M.,** Mehmood, M.F., Abuzar, K., Shakir, U., **2017.** Petrographic and Economic aspects of the sandstone unit of the Kamliyal Formation, Karaat Hills, South Eastern Kohat Plateau, NW Pakistan. *The Nucleus*, V. 54 (3), 154-160.

4. **Yar, M.,** Arif, M., Afridi, A.K., Saeed, M., Ziad, M., Ali, A., **2017.** Petrographic and mechanical properties of sandstone from Murree Formation, Jena Kor area, Peshawar Basin. A case study. *Pakistan Journal of Engineering and Applied Sciences*, V. 20, 69-78.

5. Ali, A., **Yar, M.,** Khan M.A., Faisal, S., **2016.** Inter-relationships of deformation and metamorphic events across the western hinterland zone, NW Pakistan. *Journal of Earth Science*, V.27 (04), 584-598.

INTERESTS

Structure/Tectonics, Clastic sedimentology and Engineering Geology

THESES SUPERVISED

- Supervised BS theses on topics of Petrophysics, Fracture analysis, Clastic & Carbonate sedimentology and, Engineering Geology.