

## CURRICULUM VITAE

### Personal Data

Name: **Waqar Ahmad**  
Date of birth: May 1, 1989  
Nationality: Pakistani  
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Current Address: Lecturer Department of Geology,  
University of Malakand, Chakdara, Khyber Pakhtunkhwa, 18800, Pakistan.

**Distinction** 3<sup>rd</sup> position holder in BS Applied Geology.

### Education

**2012-2014:** **M.phill** in “Detailed Studies of Dolostone in Middle Jurassic Samana Suk Formation, Khanpur Area (Khyber Pakhtunkhwa): Implications on Reservoir Characterization” from Department of Earth Sciences, Quaid-I-Azam university Islamabad, Pakistan.

**2008-2012:** **BS (HON)** in “Geology” from Institute of geology, University of Azad Jammu and Kashmir, Pakistan.

**2006-2008:** **FSc.** in Pre-engineering group from BISE Saidu Sharif Swat, Pakistan.

**Experience** One Month Training in Geological Field Camp Arranged by university of azad Jammu and Kashmir

**Specialization:** Sedimentology and carbonate diagenesis, Structure geology & Tectonics, Petroleum geology.

### Work Detail:

- Sampling and geological mapping
- Conventional, CL and scanning electron microscope studies

- Standard X-ray diffraction & Stable oxygen and carbon isotopes analyses
- Reservoir characterization.
- Preparation of Structural and Geological maps and structural cross sections.
- Preparation of  $\beta$  and  $\pi$  diagrams for structural analysis.

### **Computer Skills**

1. ArcGIS
2. MapInfo and Discover
3. Kingdom
4. MS Office

### **Seminars Attended**

1. SUN-R, February 11<sup>th</sup>, 2013 by NCEG, University of Peshawar.
2. ATC December 2012 by PAPG.
3. Geophysical Methods of Exploration organized by University of AJ&K.
4. Oil and gas day at University of AJ&K

### **Personal skills**

1. Managed various events in college and university life.
2. Extra-curricular activities (playing football, Volleyball, Traveling, Reading books.
3. Function well, both independently and as a team member.
4. Pressure Handling.

### **Research Work**

- 1) Detailed Studies of Dolostone in Middle Jurassic Samana Suk Formation, Khanpur Area (Khyber Pakhtun khwa): Implications on Reservoir Characterization ([M.phil Thesis](#)).
- 2) Fault-controlled, bedding parallel dolomite in the middle Jurassic Samana Suk Formation in Margalla Hill Ranges, Khanpur area (N. Pakistan): Petrography, geochemistry and petrophysical characteristics. <http://link.springer.com/article/10.1007/s12517-016-2413-y> ([Arabian Journal of Geosciences](#)).

## **Fault-controlled, bedding-parallel dolomite in the middle Jurassic Samana Suk Formation in Margalla Hill Ranges, Khanpur area (North Pakistan): petrography, geochemistry, and petrophysical characteristics**

Mumtaz Muhammad Shah<sup>1,4</sup> · Waqar Ahmed<sup>2</sup> · Naveed Ahsan<sup>3</sup> · Mona Lisa<sup>4</sup>

- 3) Fault-related dolomite in the Kawagarh Formation (Turonian) and Samana Suk Formation (Callovian) in the Margalla Hill Ranges (N. Pakistan): Implication on Reservoir Characterization.  
<http://europe.aapg.org/wp-content/uploads/2014/03/Naples-Programme-20-03-14.pdf>
- 4) Field investigations of dolomite fronts in the Jurassic Samanasuk Formation (Khanpur Area, KPK): Possible reservoir analogue. (Journal of Himalayan Earth Sciences)  
<http://nceg.upesh.edu.pk/GeologicalBulletin/Vol-Special-2013/Abstract33.pdf>.
- 5) Stratiform dolostone in the mid-Jurassic Samana Suk Formation, Margalla Hill Ranges, N. Pakistan: Depicting possible mechanism of dolomitization from field investigations, petrographic studies and isotope analyses.  
<http://www.searchanddiscovery.com/abstracts/html/2013/90161er/abstracts/shah.htm>
- 6) Multiple Stages of Calcitization/Dedolomitization in the Fault-related Dolomite (Upper Albain), NW Spain: Petrographic, Geochemical and Isotopic Evidences:  
<https://www.sedimentologists.org/docs/meetings/ims-scientific-programme/T7S1.pdf>
- 7) Multiple phases of dolomite fronts in the Samana Suk Formation (mid-Jurassic): Possible reservoir analogue in the Margalla Hill Ranges, Pakistan. [Baragali conference 2013](#).
- 8) Structure and stratigraphy of Dheri qasim, Bela bhadarsha, Pipli, Nalamuslamana, Doberan and Khad areas of Azad Kashmir and Pakistan ([BS Thesis](#)).