

Razzaq Abdul Manan Durrani

Designation: Assistant Professor
Department: Centre of Excellence in Mineralogy
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Education

Ph.D. Sedimentology and petrology of the Triassic-Jurassic, succession Western Sulaiman Fold- Thrust Belt, Pakistan.

May, 2014

M.Phil. Geology, Geochemistry and origin of Dilband Iron Ore, Kalat District, Pakistan.

October, 2006

M.Sc. Geology (Second position 1st division) University of Balochistan. Major: Geology (Special paper Sedimentary Petrology)

December, 1998

Professional/Work experience.

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| 1. Assistant Professor | Centre of Excellence in Mineralogy, University of Balochistan, Quetta. |
| 2. Geologist | Tethyan Copper Company (TCC), A joint venture of Barrick Gold (Canada) & Antofagasta (South America) |
| 3. Lecturer | University of Balochistan. |
| 4. Internee Geologist | Pakistan Petroleum Ltd (PPL). |
| 5. Lecturer | University of Balochistan |
| 6. Geologist | BESROCK (Pvt.) Ltd on Dilband Iron Ore Project. |

Year

July, 2007-present.

May 16th 2004 to July, 2007.

Sep15th 2003 to May15th 2004.
10th March to June 2003.

June 2002 to August2002.

February 1999 to March 2000.

Research Interests

❖ Clastic- and Non-Clastic Sedimentology

Courses Teaching

Sedimentology
Economic Geology
Environmental Geology

Foreign field visit

One-week Sedimentology and Metamorphic Rock studies in Bornholm (Denmark) with foreign supervisor, Professor, Henrik Friis

June, 2011

Courses/Training

Courageous Leadership Course at Marriot Hotel Islamabad organized by Barrick Gold Company Canada
Short course on Sedimentary Provenance Analysis in Göttingen, (Germany) organized by the Department of Sedimentology & Environmental Geology

June, 2007

August, 2015

Other Skills/Strength.

acQuire 4.1 (Mining software)
Arcview 9
Adobe CS3

September, 2006
June, 2006
August, 2010

Languages (Proficient in oral and written English)

Hobbies (Gardening, Stamp collecting, Hiking)

List of Published Research Papers

- 1) Kasi, A. K., Kassi, A. M., Friis, M. I., and **Manan, R. A.**, 2016. Petrology and provenance of the Neogene fluvial succession in Pishin Belt (Katawaz Basin) western Pakistan: Implications for sedimentation in peripheral forelands basins. Geosciences Journal, Ref.: Ms. No. GEOJ-D-16-00063R1 (Accepted).
- 2) **Manan, R. A.**, Friis, H., Kasi, A. K., Kassi, A. M., Khan, A. S., Kakar, M.I, 2016. Sandstone Petrology and Geochemistry of the Jurassic Loralai Formation, Western Sulaiman Fold-Thrust Belt, Pakistan: Provenance and Source-area weathering at the North-Western Margin of the Indian Plate. Turkish Journal of earth sciences, (in Press).
- 3) Kasi, A. K., Kassi, A. M., Friis, H., Kakar, M. I., and **Manan, R. A.**, 2014. Clay minerals assemblage in the Neogene fluvial succession of the Pishin Belt, Pakistan: implications for provenance. Journal of Himalayan Earth Science, (HEC X-category journal) 47, 63-73.
- 4) Kakar, M. I., Kasi, A. K., and **Manan, R. A.**, 2013. Petrology and geochemistry of gabbros from the Muslim Bagh Ophiolite: implications for their petrogenesis and tectonic setting. Journal of Himalayan Earth Sciences, (HEC X-category journal), 46 (1) 19-30.
- 5) **Manan, R. A.**, Kassi, A. M. and Kasi, A. K., 2012. Petrology and provenance of the sandstone channel succession within the Jurassic Loralai Formation, Sulaiman Fold-Thrust Belt, Pakistan. Journal of Himalayan Earth Sciences, (HEC X-category journal) 45, 1-16.
- 6) Kasi, A. K., Kassi, A. M., Umar, M., **Manan, R. A.** and Kakar, M. I., 2012. Revised Lithostratigraphy of the Pishin Belt, northwestern Pakistan. Journal of Himalayan Earth Sciences, (HEC X-category journal) 45, 53-65.

Conference proceedings

- 1) **Manan, R. A.**, Kassi, A. M., Friis, H., Kasi, A. K., 2012. Geochemistry of the sandstone of Jurassic Loralai Formation, Sulaiman Fold-Thrust Belt, Pakistan: Implications for provenance and source area weathering. Journal of Himalayan Earth Sciences, Proceedings 45, (2), 40.
- 2) Kasi, A. K., Kassi, A. M., Friis, H., **Manan, R. A.**, 2012. Sandstone and conglomerate petrology of the Neogene succession, Pishin Belt, northwestern Pakistan. Journal of Himalayan Earth Sciences, Proceedings 45, (2), 70.

Awards

HEC's six months International Research Support Initiative Programme (IRSP) split Ph.D. scholarship at University of Aarhus, Denmark, 2011.

Countries visited

- ◆ England
- ◆ Denmark
- ◆ Spain
- ◆ Germany

References

- ◆ Professor, Dr. Henrik Friis,
Department of Geoscience, Århus University, Denmark.
henrik.friis@geo.au.dk
- ◆ Emeritus Professor, Dr. Akhtar Muhammed Kassi,
Department of Geology, University of Balochistan, Quetta, Pakistan
amkcem1@gmail.com