



Lasbela University
of Agriculture, Water & Marine Sciences
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Name with Title			
PERSONAL INFORMATION			
Name:	Dr. Muhammad Aleem Zahid		
Designation:	Assistant Professor		
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Cell No.:	+923018493923/0853-610919		
Research Area:	Geology		
QUALIFICATION			
DEGREE	PASSING YEAR	MAJORS	UNIVERSITY
Ph.D	2012-2016	Petroleum Geology (Reservoir characterization of Eocene clastic rocks)	China University of Petroleum (East China)
MSc.	2003-2007	Applied Geology	University of the Punjab, Lahore
FSc.	2001-2003	Pre-Engineering	Government Islamia College, Lahore
Matriculation	1999-2001	Science	Government Central Model High School, The Mall, Lahore
PUBLICATIONS (NATIONAL/INTERNATIONAL)			
01. Sajid M., Kashif M., Zahid M. A., Javed A. and Shaikh A. (2021). Petrophysical evaluation of reservoir rocks of Rajian-01, Daiwal-01, and Kal-01 by well log data, Potwar Plateau, upper Indus basin, Pakistan. <i>Bollettino di Geofisica Teorica ed Applicata</i> . V. 62, pp. 135-158. DOI 10.4430/bgta0340.			
02. Xinmin Ge, Michael T. Myers, Jianyu Liu, Yiren Fan, Muhammad Aleem Zahid, Jier Zhao and Lori Hathon (2021). Determining the transverse surface relaxivity of reservoir rocks: A critical review and perspective. <i>Marine and Petroleum Geology</i> ; Vol. 126, pp. 1-19,			

<https://doi.org/10.1016/j.marpetgeo.2021.104934>. (SCI: IF 3.79; 5years IF 4.46; ISSN: 0264-8172)

03. Muhammad Aleem Zahid, Dong Chunmei, Alexandra N. Golab, Chengyan Lin, Xianguo Zhang, Xinmin Ge, Wu Songtao, Muhammad Jawad Munawar, Cunfei Ma, Lydia Knuefing (2019). Pore size distribution and reservoir characterization: evaluation for the Eocene beach-bar sequence, Dongying Depression, China. *Arabian Journal of Geosciences* DOI:10.1007/s12517-019-4772-7. (SCI: IF 1.14; 5years IF 1.30; ISSN: 1866-7511)
04. Yuqi Wu, Pejman Tahmasebi, Chengyan Lin, Muhammad Aleem Zahid, Chunmei Dong, Alexandra N. Golab and LihuaRena (2019). A comprehensive study on geometric, topological and fractal characterizations of pore systems in low-permeability reservoirs based on SEM, MICP, NMR, and X-ray CT experiments. *Marine and Petroleum Geology*; Volume 103, May 2019, Pages 12-28. <https://doi.org/10.1016/j.marpetgeo.2019.02.003>. (SCI: IF 3.28; 5years IF 3.64; ISSN: 0264-8172)
05. Muhammad Jawad Munawar, Chengyan Lin, Dong Chunmei, Xianguo Zhang, Haiyan Zhao, Shuming Xiao, Tahir Azeem, Muhammad Aleem Zahid, and Cunfei Ma (2018). Architecture and reservoir quality of low-permeable Eocene lacustrine turbidite sandstone from the Dongying Depression, East China. *Open Geosciences*. Vol. 10, pp. 87–112. <https://doi.org/10.1515/geo-2018-0008>. (SCI: IF 1.22; 5years IF 1.44; ISSN:2391-5447)
06. Muhammad Jawad Munawar, Chengyan Lin, Veerle Cnudde, Tom Bultreys, Chunmei Dong, Xianguo Zhang, Wesley De Boever, Muhammad Aleem Zahid, Yuqi Wu (2018). Petrographic characterization to build an accurate rock model using micro-CT: Case study on low-permeable to tight turbidite sandstone from Eocene Shahejie Formation. *Micron*. Vol.109, pp. 22–33. <https://doi.org/10.1016/j.micron.2018.02.010>. (SCI: IF 1.72; 5years IF 2.01; ISSN: 0968-4328)
07. Waqas Ahmad Khan, Nasir Somro, Aisha Amanullah, Abdul Latif, Muhammad Imran Alyani, Muhammad Aleem Zahid and Mureed Hussain Khosa (2017). Industrial Evaluation of Nammal Formation Exposed in Western Salt Range, Pakistan. *Lasbela, University Journal of Science and Technology*. vol.VI, pp. 279-289, ISSN 2306-8256.
08. Muhammad Sadiq Malkani, Mureed Hussain Khosa, Muhammad Imran Alyani, Khalid Khan, Nasir Somro, Tehseen Zafar, Jawad Arif, Muhammad Aleem Zahid (2017). Mineral Deposits of Khyber Pakhtunkhwa and FATA (Pakistan). *Lasbela, University Journal of Science and Technology*. vol.VI, pp. 23-46, ISSN 2306-8256.
09. Muhammad Sadiq Malkani, Mureed Hussain Khosa, Muhammad Imran Alyani, Nasir Somro, Tehseen Zafar, Jawad Arif, Muhammad Aleem Zahid (2017). Revised Stratigraphic Setup and Mineral Deposits of Kirthar Basin (Lower Indus Basin), Pakistan. *Lasbela, University Journal of Science and Technology*. vol.VI, pp.54-84, ISSN 2306-8256.
10. Hui Liu, Shaohua Xu, Xinmin Ge, Jianyu Liu and Muhammad Aleem Zahid (2017). Automatic sedimentary microfacies identification from logging curves based on deep process neural network. *Cluster Computing*. <https://doi.org/10.1007/s10586-017-1656-z> (SCI: IF 2.04; 5 years IF 2.07; ISSN: 1573-7543)

11. Xiangua Zhang, Chengyang Lin, Muhammad Aleem Zahid, Xiaopeng Jia and Tao Zhang (2017). Paleosalinity and water body type of Eocene Pinghu Formation, Xihu Depression, East China Sea Basin. *Journal of Petroleum Science and Engineering*. <https://doi.org/10.1016/j.perol.2017.08.074>. (SCI: IF 2.88; 5years IF 3.15; ISSN: 0920-4105)
12. Cunfei Ma, Derek Elsworth, Chunmei Dong, Chengyan Lin, Guoqiang Luan, Bingyi Chen, Xiaocen Liu, Muhammad jawad Munawar, Muhammad Aleem Zahid, Zhengchun Shen and Fuchun Tian (2017). Controls of hydrocarbon generation on the development of expulsion fractures in organic-rich shale: Based on the Paleogene Shahejie Formation in the Jiyang Depression, Bohai Bay Basin, East China. *Journal of Marine and Petroleum Geology*. vol. 86, pp.1406-1416. <http://DOI:10.1016/j.marpetgeo.2017.07.035>. (SCI: IF-3.28; 5years IF 3.64; ISSN: 0264-8172).
13. Muhammad Sadiq Malkani, Muhammad Imran Alyani, Mureed Hussain Khosa Faisal Saeed Buzdar and Muhammad Aleem Zahid (2016). Coal Resources of Pakistan: new coalfield. Lasbela, University Journal of Science and Technology.
14. Muhammad Aleem Zahid, Dong Chunmei, Chengyan Lin, Jon Gluyas, Staurt Jones, Xianguo Zhang, Muhammad Jawad Munawar and Cunfei Ma (2016). Sequence stratigraphy, sedimentary facies and reservoir quality of Es4s, southern slope of Dongying Depression, Bohai Bay Basin, East China. *Marine and Petroleum Geology*; vol.77, pp.448-470. <http://dx.doi.org/10.1016/j.marpetgeo.2016.06.026>. (SCI: IF-3.28; 5years IF 3.64; ISSN: 0264-8172).
15. Xinmin Ge, Yiren Fan, Hua Chen, Shaogui Deng, Yingchang Cao and Muhammad Aleem Zahid (2015). Probing the influential factors of NMR T1-T2 spectra in the characterization of the kerogen by numerical simulation. *Journal of Magnetic resonance*. <http://dx.DOI.10.1016/j.jmr.2015.08.026> (SCI: IF 2.43; 5 years IF 2.34; ISSN: 1090-7807).
16. Xinmin Ge, Yiren Fan, Jiangao Li and Muhammad Aleem Zahid (2015). Pore structure characterization and classification using multifractal theory-an application in tight reservoir of Santanghu basin in Western China. *Journal of Petroleum Science and Engineering*. <http://dx.DOI.10.1016/j.petrol.2015.01.004> (SCI: IF 1.87; 5 years IF 2.47; ISSN: 0920-4105).
17. Azra Bano, Muhammad Aleem Zahid, Arsalan, Muhammad Abdullah, Asadullah Khan, Gohar Saleem and Noor Ahmed (2015). A preliminary study of soil analysis of Sonmiani, Gadani and Kund Malir coasts of district Lasbela, Balochistan. *Pakistan Journal of Marine Sciences*, Vol. 24(1&2), 87-96.

PAPER PRESENTATIONS IN INTERNAITONAL CONFERENCES

1. Muhammad Jawad Munawar, Lin Chengyan, Dong Chunmei, Jonn Gluyas, Zhang Xiangua, Muhammad Aleem Zahid and Ma Cunfei (2018). Architecture and reservoir quality of low permeability Eocene Lacustrine Turbidite Sandstone from Dongying Depression, East China. AAPG Annual Convocation and Exhibition (ACE), Salt Lake City, Utah.
2. Muhammad Jawad Munawar, Veerle Cnudde, Lin Chengyan, Tom Bultreys, Chunmei Dong, Zhang Xiangua, Wesley De Boever, **Muhammad Aleem Zahid** and Yuqi Wu (2018). Petrographic characterization of low-permeable to tight turbidite sandstone from Eocene Shahjie Formation using micro-CT. Interpore 2018, New Orleans.

3. **Muhammad Aleem Zahid**, Dong Chunmei, Alexandra N. Golab, Chengyan Lin, Xiangua Zhang, Xinmen Ge, Wu Sagtao, Muhammad Jawad Munawar, Cunfei Ma (2017). Pore size distribution and reservoir characterization: Evaluation for the Eocene Beach-Bar Sequence, Dongying Depression, China. CGS/SEG International Geophysical Conference, Qingdao, China. <http://library.seg.org/doi/pdf/10.1190/IGC2017-308>.
4. **Muhammad Aleem Zahid**, Dong Chunmei, Alexandra N. Golab, Chengyan Lin, Xiangua Zhang, Muhammad Jawad Munawar, Cunfei Ma and Lydia Knuefing (2017). Characterization of petrographic and petrophysical properties from 3D digital rock images: A case study on Beach-bar Sandstone of Boxing Sag, East China. CGS/SEG International Geophysical Conference, Qingdao, China <http://library.seg.org/doi/pdf/10.1190/IGC2017-306>.
5. Muhammad Jawad Munawar, Lin Chengyan, Veerle Cnudde, Wesley De Boever, Chunmei Dong and **Muhammad Aleem Zahid** (2016). Characterization of grain and pore sizes of Es3 turbidites Sandstone from Eocene Shahjie Formation with 3D tomographic micro-CT images. EAGE China-International Symposium on Digital Rock Physics and Applications, Beijing: EAGE-SCA.
6. **Muhammad Aleem Zahid**, Chunmei Dong, Alexandra N. Golab, Lin Chengyan, Muhammad Jawad Munawar, Wu Sangtao and Cunfei Ma (2016). Petrographic and Petrophysical Properties from 3D Digital Rock Images: A case study on beach-bar of Boxing Sag, East China. EAGE China-International Symposium on Digital Rock Physics and Applications, Beijing: EAGE-SCA.
7. Muhammad Jawad Munawar, Lin Chengyan, Chunmei Dong, Cunfei Ma and **Muhammad Aleem Zahid** (2015). Depositional and sequence stratigraphic Framework of Lacustrine Turbidite system in the Third member (Es3) of Shahjie Formation, Dongying Sag, China. 31st International Association of Sedimentology (IAS) Meeting, 22–25 June 2015, Krakow, Poland.
8. **Muhammad Aleem Zahid**, Dong Chunmei, Chengyan Lin, Cunfei Ma and Muhammad Jawad Munawar (2015). Sequence Stratigraphy, sedimentary facies and reservoir quality of Es4s, southern slope of Dongying Depression, Bohai Bay Basin, East China. 31st International Association of Sedimentology (IAS) Meeting, 22–25 June 2015, Krakow, Poland.
9. Muhammad Jawad Munawar, Lin Chengyan, Chunmei Dong, Cunfei Ma and **Muhammad Aleem Zahid** (2015). Microfacies analysis, Palaeontology, and Biostratigraphy of Paleocene Lockhart Limestone from Pail area, Central Salt Range, Pakistan. 31st International Association of Sedimentology (IAS) Meeting, 22–25 June 2015, Krakow, Poland.

TEACHING EXPERIENCE

Designation	From	To	Organization
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Assistant Professor	December, 2017	To-date	Lasbela University of Agriculture, Water & Marine Sciences
Lecturer	February, 2010	December, 2017	Lasbela University of Agriculture, Water & Marine Sciences

SHORT BIOGRAPHY:

Dr. Muhammad Aleem Zahid did his PhD (2016) from China University of Petroleum, East China. Formerly, he has done his B.Sc. (2007) and M.Sc. (2009) from University of the Punjab, Pakistan. Currently, as a regular faculty member, he is working as 'Assistant Professor of Geology' (February 2010 to date) in the Department of Marine Geology, Faculty of Marine Sciences, Lasbela University, Pakistan. His research interest is on 'reservoir characterization of clastic rocks'; mainly focuses on sedimentological and petrographic aspects which directly influence reservoir quality. The scope of investigation generally relies on modern petrographic techniques like LSCM, SEM, QemScan, CT, FIB etc.

TEACHING THESIS:

2- Assistant Professor of Geology (December 14, 2017 to date)

1- Lecturer in Geology (February 16, 2010 to December 13, 2017)

Total: 11 Years, 07 months, 13 days