



CURRICULLUM VITAE

Hamoud K. H. Al-Hadrami

June 2024

1. Name: Hamoud K.H. Al-Hadrami, Associate Professor, Petroleum Engineering,
Department of Petroleum & Chemical Engineering

2. Educational Background

1. BEng in Petroleum Engineering, 1991, Sultan Qaboos University, Oman.
2. Post-Graduate Diploma “M. Eng” Petroleum Engineering, 1993, Heriot-Watt University, UK.
3. M.Sc. in Petroleum Engineering, 1997, New Mexico Tech University, USA.
4. PhD in Petroleum Engineering, 2000, New Mexico Tech University, USA.

3. Academic Experience

1991 – 2000	Demonstrator
2000 – 2018	Assistant Professor
2019 – Present	Associate Professor

4. Non-academic Experience

2006 – 2010	Assistant Dean for Undergraduate Studies, College of Engineering
2010 – 2012	Quality Assurance Office, Coordinator
2017 – 2019	Dean, Deanship of Student Affairs, Sultan Qaboos University

5. Certification or professional registration

Holding “Consultant Engineer” recognition/certificate by Engineers Classification Board of Oman Society of Engineers (OSE), May 2010.

6. Current Membership of Professional Bodies

- SPE (Society of Petroleum Engineers), Member, 1991 – Present
- SPE Oman-section, Board member, 2002 – 2017
- SPE-SQU Student Chapter Faculty Advisor, 2001 – 2018
- Oman Society of Engineers (OSE), 2007 – present

7. Honors and Awards

- Senior Fellow of Center of Excellence in Teaching & Learning (CETL) at SQU, Spring 2018.
- Best Teaching Award, SQU, College of Engineering, Academic year 2013-2014.
- “IDEAL Scholar”, Institute for the Development of Excellence in assessment Leadership, organized by ABET, USA. 2-6 January 2012.
- Recognized by His Excellency Dr. Ali Al-Bemani, SQU Vice Chancellor, for my efforts and contributions extended in the College of Engineering that lead to the ABET accreditation of its programs. 24th March 2010.
- Participating in SQU Quality Assurance Committee and the report submitted to Oman Accreditation Council, 2009-2010. (Letter of recognition by DVC, Jan. 2010).
- Outstanding efforts and generous contributions for the college during the academic year 2008/2009.



- Holding “Consultant Engineer” recognition/certificate by Engineers Classification Board of Oman Society of Engineers (OSE), May 2010.

8. Service Activities:

8.1 Committees

- Departmental Accreditation and Curriculum Committee
- Member of University Academic Council (Sept 2017 – August 2020)
- Member of University Academic Council (Sept 2015 - August 2016)
- Member (Faculty Fellow) of Centre for Excellence in Teaching and Learning (CETL) at Sultan Qaboos University, 2014 - 2017.
- Member of Student's Grievance Committee, 2014 - present.
- Member of Ministry of Manpower & Sultan Qaboos University cooperation committee. (Minister Decree, 2008), 2008 - 2015.
- Member of Ministry of Higher Education & Sultan Qaboos University - Development of Engineering programs at CAS Sohar, 2010. (SQU - MHE agreement), 2010 - 2015.

8.2 Consultancy

- The 2014 World Engineering Education Forum (WEEF 2014), 3-6 December 2014, Dubai World Trade Centre.
- Organizing and participating in “ABET Program Assessment” conducted by ABET managing director, Sultan Qaboos University, Muscat, Oman, February 14-15, 2012.
- “IDEAL” workshop, Institute for the Development of Excellence in assessment Leadership, organized by ABET and conducted by ABET managing director, Charleston, South Carolina, USA, January 3-6, 2012.
- “ABET Workshop on Sustainable Program Assessment” by ABET Foundation Inc. held at Sultan Qaboos University, 7th April, 2010.

9. Publications:

- Adel Mohsenzadeh, Omolbanin Seiedi, Sanket Joshi, Khalid Al-Fahdi, **Hamoud Al-Hadrami**, "Root causes analysis of black powder formation in Oman gas pipeline Network", Journal Of Natural Gas Science and Engineering, 16 March 2024.
- Eghbal Motaei, Tarek Ganat, *, Khairul Azhar, **Hamoud Al-Hadrami**, "Harnessing deep transient testing for reservoir characterization and CO2 emission reduction in challenging geological settings", Petroleum Research, 30 January 2024.
- R Al Siyabia, T Ganata*, **H Al-Hadrami**, "Optimizing gas production with innovative approach to evaporative halite precipitation and liquid loading management", Journal of Physics, Dec 2023.
- Athar Hussain, **Hamoud Al-Hadrami**, Hossein Emadi, "Experimental Investigation of Wellbore Integrity of Depleted Oil and Gas Reservoir for Underground Hydrogen Storage", SPE Offshore Technology Conference (OTC), OTC-32003, 2-5 May 2022, Houston, Texas, USA.
- **Hamoud Al-Hadrami** 1, Hossein Emadi 2 and Athar Hussain2, "Investigating the Effects of Hydrogen on Wet Cement for Underground Hydrogen Storage Applications in Oil and Gas Wells", 1 Sultan Qaboos University, Oman, 2 Texas Tech University, USA, ICPMR 15th International Conference on Petroleum and Mineral Resources, Istanbul, Turkey, November 8-9, 2021.



- Marwa Al-Fahdi, **Hamoud Al-Hadrami**, Adel Al-Ajmi, " Application of Omani Local Sands in Gravel Packing ", Arabian Journal of Geosciences, October 2021, 14:2530.
- Mahammod Fani, **Hamoud Al-Hadrami**, "Optimizing Smart Water Flooding in Carbonate Reservoir", SPE193014-MS, Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC), 12 – 15 November, 2018, Abu Dhabi, UAE.
- Hasna Al Abri, , Peyman Pourafshary, Nader Mosavat, **Hamoud Al Hadhrami** "A Study of the Performance of the LSWA CO2 EOR technique on Improvement of Oil Recovery in Sandstones", Journal of Petroleum Science and Engineering, accepted 4 July 2018.
- Al-Malki Needaa, Pourafshary Peyman, **Al-Hadrami Hamoud**, Abdo Jamil, "Controlling bentonite-based drilling mud properties using sepiolite nanoparticles", Petroleum Exploration and Development, Volume 43, Issue 4, 717-723, August 2016.
- Yahya Al-Wahaibi, **Hamoud Al-Hadrami**, Saif Al-Bahry, Abdulkadir Elshafie, Ali Al-Bemani, Sanket Joshi "Injection of biosurfactant and chemical surfactant following hotwater injection to enhance heavy oil recovery", Journal of Petroleum Science, ISSN 1672-5107, Volume 13, Number 1, February 2016.
- Ali Habibi, Mohammad A. Heidari, **Hamoud Al-Hadrami**, Adel Al-Ajmi, Yahya Al-Wahaibi, and Shahab "Effect of Nanofluid Treatment on Water Sensitive Formation to Investigate Water Shock Phenomenon, An Experimental Study", LDIS #775586, VOL 35, ISS 4, Journal of Dispersion Science and Technology, 35:1–9, 2014.
- Y. Al. Wahaibi, **H. Al-Hadrami**, S. Al-Bahry, A. Elshafie, A. Al-Bemani, S. Joshi, "Residual oil recovery via injection of biosurfactant and chemical surfactant following hot water injection in Middle East Heavy oil field", SPE Heavy oil Conference Canada held in Calgary, Alberta, Canada, 11-13 June 2013, Volume 3, pp. 1794-1805.

10. Professional Development Activities:

- Workshop on "Fellowship Duties" by Prof. Daniel Bernstein, 17-18 November 2015, organized by Centre for Excellence in Teaching and Learning (CETL), Sultan Qaboos University.
- Workshop on "Developing both Assessment Tools & Rubrics" by Dr. Yuhang, 12 Nov. 2015, organized by Centre for Excellence in Teaching and Learning (CETL), Sultan Qaboos University.
- Workshop on "Preparing Engineers for a Globalized Economy: How to Teach Engineering Students Process Skills" by Professor Nikos J. Mourtos on 26-28 May 2015 at Sultan Qaboos University.
- Workshop on "Consultation Models to Promote Scholarly Inquiry in Teaching and Learning" by Prof. Daniel Bernstein, 12-15 April 2015, organized by Centre for Excellence in Teaching and Learning (CETL), Sultan Qaboos University.
- The 2014 World Engineering Education Forum (WEEF 2014), 3-6 December 2014, Dubai World Trade Centre.
- Organizing and participating in "ABET Program Assessment" conducted by ABET managing director, Sultan Qaboos University, Muscat, Oman, February 14-15, 2012.



- “IDEAL” workshop, Institute for the Development of Excellence in assessment Leadership, organized by ABET and conducting by ABET managing director, Charleston, South Carolina, USA, January 3-6, 2012.
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