

1. Name: **Majid Ahmed Al-Wadhahi**

2. Education

- Ph.D. in Petroleum & Natural Gas Engineering The Pennsylvania State University, USA, 1996-2001
- M.Sc. in Petroleum & Natural Gas Engineering The Pennsylvania State University, USA, 1992-1994
- B.Sc. in Petroleum & Natural Gas Engineering The Pennsylvania State University, USA, 1986-1989

3. Academic Experience

- Assistant Professor, Petroleum and Natural Gas Engineering Department of Energy and Mineral Engineering, The Pennsylvania State University, University Park, PA-USA , August 2008-August 2009
- Visiting Scholar, Petroleum and Natural Gas Engineering Department of Energy and Mineral Engineering, The Pennsylvania State University, University Park, PA-USA, August 2007-August 2008 Assistant Professor, Petroleum & Chemical Engineering, Department of Petroleum and Chemical Engineering Sultan Qaboos University, Oman, June 2001-Present
- Lecturer, Department of Petroleum & Mining Engineering, Sultan Qaboos University, Oman, June 1994-May 2001

4. Non-academic Experience

- Researcher, Department of Petroleum & Mining Engineering Sultan Qaboos University, Oman February 1990-May 1992
- Reservoir Engineer, Petroleum Development Oman, LLC, Oman August 1989-February 1990

5. Certification or professional registration

6. Current membership in professional organization

- Member of the Society of Petroleum Engineers (SPE)

7. Honors and awards

- Recipient of the Best Teaching Award (College of Engineering) - Sultan Qaboos University, Oman , May 2013
- Students Marshal of the Graduating-Class, College of Earth & Mineral Sciences, the Pennsylvania State University, USA, August 1989
- Recipient of the Edwin L. Drake Memorial Scholarship for outstanding students, College of Earth & Mineral Sciences, the Pennsylvania State University, USA, 1988

8. Service activities

Sultan Qaboos University:

- Member of SQU Committee to look on statistics and reasons of employees (all job groups) who resigned from SQU, 09/2013–06/2014
- Member of SQU Committee to look on criteria for a revised University's annual report, 09/2010–06/2011

College of Engineering - SQU:

- Member of Postgraduate Studies and Research Committee, 9/2015-9/2016
- Associate Editor-The Journal of Engineering Research (TJER-SQU), 9/2014-Present

Department of Petroleum and Chemical Engineering - SQU:

- Member, Postgraduate Studies and Research Committee 9/2016-PresentChair, Postgraduate Studies and Research Committee 9/2015–9/2016
- Member, Academic Appointments Committee 9/2009–Date
- Member, Strategic Planning and Development Committee, 9/2009–9/2015
- Member, Postgraduate Studies and Research Committee, 9/2009–9/2014
- Coordinator, PNGE Postgraduate Studies 9/2002–Date
- Coordinator, PNGE Final-Year Project 9/2001–Date

9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

- G. Reza Vakili-Nezhaad, Majid Al-Wadhahi, Ashish M. Gujrathi, Nabeel Al-Rawahi, and Mahnaz Mohammadi, “Exploring the possibility of the zigzag WS2 nanoribbons as anode materials for sodium-ion batteries,” *Applied Physics A*, (2019) 125:47
- Gholamreza Vakili-Nezhaad, Majid Al-Wadhahi, Ashish M. Gujrathi, Rashid Al- Maamari and Mahnaz Mohammadi, “Effect of temperature and diameter of narrow single-walled carbon nanotubes on the viscosity of nanofluid: A molecular dynamics study,” *Fluid Phase Equilibria*, 434 (2017), pp. 193-199.
- Y. Bansal, T. Ertekin and M. Al-Wadhahi, “Development of an Artificial Neural Network Based Model for Mimicking Combustion Tube Experiments for Heavy Oil Recovery,” *International Journal of Petroleum Technology*, Volume 3, Number 1, 8 August 2016, pp. 32-41.
- Afrah Musallam Al Saidi, Peyman Pourafshary and Majid A. Al-Wadhahi: “Application of Fast Reservoir Simulation Methods to Optimize Production by Reallocation of Water Injection Rates in an Omani Field,” SPE paper 172633-MS In Proceedings of the 19th Middle East Oil & Gas Show and Conference to be held in Manama, Kingdom of Bahrain, 8–11 March, 2015.
- Artun, E., T. Ertekin, R. Watson, M. Al-Wadhahi, B. Miller, “Performance and Economic Evaluation of Cyclic Pressure Pulsing in Naturally Fractured Reservoirs,” *Journal of Canadian Petroleum Technology*, Volume 50, Number 9, September/October 2011, pp. 24-36.

10. Briefly list the most recent professional development activities

- Offshore Development Oman 2014, Unlocking and capitalising on the Sultanate’s booming offshore hydrocarbons sector, 9-11 December 2014, Muscat, Oman.
- SPE EOR Conference at Oil & Gas West Asia (OGWA), 31 March – 2 April 2014, Muscat, Oman.
- International Unconventional Gas Conference & Exhibition. 20-22 January 2014, Muscat, Oman.