

1. Name: **Rashid Salim Al-Maamari**
2. Education – degree, discipline, institution, year
 - PhD, Petroleum Engineering, New Mexico Tech, 2000.
 - MSc, Petroleum Engineering, Imperial College, 1995.
 - B.Eng., Petroleum Engineering, Sultan Qaboos University, 1993.
3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time
 - Petroleum and Chemical Engineering Department, Sultan Qaboos University, Professor, 2015-present. Full time
 - Petroleum and Chemical Engineering Department, Sultan Qaboos University, Associate Professor, 2008-2015. Full time
 - Petroleum and Chemical Engineering Department, Sultan Qaboos University, Assistant Professor, 2002-2008. Full time
 - Petroleum and Mineral Resources Engineering Department, Sultan Qaboos University, Lecturer, 1995-1996. Full time
 - Petroleum and Mining Engineering Department, Sultan Qaboos University, Demonstrator, 1993-1994. Full time
4. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time: None
5. Certifications or professional registrations: -
6. Current membership in professional organizations: -
 - Society of Petroleum Engineers (SPE)
7. Honors and awards
 - PhD Student: Maissa Souayah. 1st place winner in 2018 SPE Student Paper Contest (Middle East region) for PhD Category. Kingdom of Saudi Arabia, 2018.
 - Japan Petroleum Institute (JPI) Award for Distinguished Papers. Examination of Effective Coagulant for Polymer Flood Produced Water and Pilot Trial in Oman. May 23, 2016.
 - Shukran Award Certificate in Recognition of Excellent Involvement and Dedicated Work to Test Chemical Solution for Gas Condensate. Petroleum Development Oman. December, 2015.
8. Service activities (within and outside of the institution)
 - HoD, Petroleum and Chemical Engineering Department, 2013-Present.
 - Director, Oil and Gas Research Center, September 2007- 2013.
 - SQU focal point, PDO-SQU Liaison committee, 2012-present
 - Conference Chair; 10th International Conference on Thermal Engineering Theory and Applications, Muscat, Sultanate of Oman, Feb. 26 – 28 2017.
 - Member of the Technical Committee and Session Chairperson; The Middle East Oilfield Produced Water Management Conference, Muscat, Sultanate of Oman, 20-22 April 2015.
9. Briefly list the most important publications and presentations from the past five years
 - Maissa Souayah, **Rashid S. Al-Maamari**, Mohamed Aoudia, Mahvash Karimi and Moundher Hadji, “Experimental Investigation of Wettability Alteration of Oil-wet Carbonates by Nonionic Surfactant,” *Energy and Fuels*, 32, 11222–11233, 2018.
 - Maissa Souayah, Mohamed Aoudia and **Rashid S. Al-Maamari** “Clouding Behavior of C₁₃EO_x (x = 10–19) Micelles in a Wide Range of Salinity and Hardness: Concomitant Effects of Salinity and Degree of Ethoxylation,” *Journal of Surfactants and Detergents*, <https://doi.org/10.1002/jsde.12215>.

- Gholamreza Vakili-Nezhaad, **Rashid Al-Mammari**, Ashish M. Gujrathi, and Waqar Ahmad, “Thermophysical properties for the binary mixtures of tert-amyl methyl ether with n-hexane, cyclopentane, benzene and m-xylene at different temperatures,” *Journal of Molecular Liquids*, 252, 475–487, 2018.
- Saif A. Alkhamisi, Hamid C. Ali, Saleem K. Nadaf, Ahmed N. Al-Bakri, **Rashid S. Al-Maamari** and B. Choudri.: “Influence of Boron on Sorghum (*Sorghum Bicolor* L.) Forage Yield under Different Water Salinity Levels,” *International Journal of Contemporary Applied Researches*, 4(8), 50-6, 2017.
- 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, 193-199, 2017.
- Keisuke Kojima, Kazuo Okamura, Masaharu Tasaki, Mark N. Sueyoshi and **Rashid S. Al-Maamari**, “Characteristics of oilfield oily waste and carbonization treatment with superheated steam for oil recovery,” *Journal of Japan Society of Civil Engineers, Ser. G (Environmental Research)*, 73 (3), 121-133, 2017. (in Japanese)
- Moundher Hadji, Mohamed Aoudia, Adil A Al-Rubkhi, **Rashid S. Al-Maamari**, and Amel Hadj-Ziane-Zafour, “Effect of sodium carbonate on the cloud point in alkyl ether/brine systems: Apparent Relation with Dynamic Interfacial Tension Minimum,” *Journal of Surfactants and Detergents*, 19: 1223–1229, 2016.
- Mahvash Karimi, **Rashid S. Al-Maamari**, Shahab Ayatollahi and Nasir Mehranbod.: “Wettability alteration and oil recovery by spontaneous imbibition of low salinity brine into carbonates: Impact of Mg^{2+} , SO_4^{2-} and cationic surfactant,” *Journal of Petroleum Science and Engineering*, 147, 560–569, 2016.
- Mahvash Karimi, **Rashid S. Al-Maamari**, Shahab Ayatollahi and Nasir Mehranbod.: “Impact of Sulfate Ions on Wettability Alteration of Oil-wet Calcite in the Absence and Presence of Cationic Surfactant,” *Energy & Fuels*, 30 (2), 819–829, 2016.
- Mahvash Karimi, **Rashid S. Al-Maamari**, Shahab Ayatollahi and Nasir Mehranbod.: “Mechanistic study of wettability alteration of oil-wet calcite: the effect of magnesium ions in the presence and absence of cationic surfactant,” *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 482: 403–415, 2015.
- Reham A. Al-Jabri, **Rashid S. Al-Maamari** and Ove Bjorn Wilson.: “Klinkenberg-corrected gas permeability correlation for Shuaiba carbonate formation,” *Journal of Petroleum Science and Engineering*, 131:172-176, 2015.
- Moundher Hadji, **Rashid S. Al-Maamari**, Adil A Al-Rubkhi and Mohamed Aoudia.: “Surfactant(in-situ)-surfactant(synthetic) interactions in Na_2CO_3 /surfactant/acidic oil systems for EOR: its importance on the dynamic interfacial tension behavior,” *Journal of Surfactants and Detergents*, 18:761–771 2015.
- Sabah Ahmed Abdul-Wahab, Yassine Charabi, Ghazi A. Al-Rawas, **Rashid Al-Maamari**, Adel Gastli and Keziah Chan.: “Greenhouse gas (GHG) emissions in the Sultanate of Oman,” *Greenhouse Gases Science and Technology*, 5:339–346, 2015.

10. Briefly list the most recent professional development activities

- 2018 SPE EOR Conference at Oil and Gas West Asia (OGWA), Muscat, Oman, 26–28 March, 2018.
- Advanced Leadership Skills for Supervisors and Team Leaders, Sultan Qaboos University, 07-09/06/2015 Park Inn Hotel Muscat.
- 2014 SPE EOR conference, Oil and Gas West Asia (OGWA): Driving Integrated and Innovative EOR, Muscat, Sultanate of Oman, 31 March-2 April 2014.
- EFQM Leaders for Excellence Training (Certificate Training), Center for Staff Development, Sultan Qaboos University, 12-13/02/2013.