

Curriculum Vitae

Personal information:

Full Name : **Sami Abdelrahman Musa Yagoub**
Nationality : Sudanese
Passport no. : C 0531541
Date of Birth : 14/01/1972
Place of Birth : GAZIRA ABA - Sudan
Religion : Muslim
Marital Status : Married
Gender : Male
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Present Post : Lecturer



Education:

- Ph.D. candidate at Department of geosciences and petroleum Engineering, Universiti Teknologi PETRONAS (Currently, Expected in 9 months).
- M. Sc.: University of Petroleum, Beijing, 2004
- B.Sc: University of Petroleum, Beijing, 2001
- Diploma in Petroleum Engineering, Sudan University of science and technology (SUST), July 1998

Experiences:

- Head of Petroleum department,(SUST), (31 October 2013 to date)
- Head of General Sciences Department, College of Petroleum Engineering & Technology (SUST), (17 September 2013 to 30 October 2013).
- Graduate Research Assistant (GA), University Teknologi PETRONAS, (January 2012 to August 2012).
- Researcher, Centre of Excellence for EOR- Universiti Teknologi PETRONAS,(UTP),Malaysia (January 2009 to December 2012).
- Member of SUST Teachers Council, (SUST), (November 2006 to January 2008)
- Member of College of Petroleum Engineering & Technology Research Council,(SUST), (November 2006 to January 2008)
- Head of Petroleum department,(SUST), (November 2006 to January 2008)

- Lecturer, College of Petroleum Engineering and Technology, December 2004- to date.
- Teaching Assistant, College of Engineering, Petroleum Department, SUST, (August 1999 to November 2004 – study leave -)

Teaching Experience:

Teaching the following subjects:

- Introduction to Petroleum Engineering
- Properties of Petroleum Reservoir Fluids
- Gas Reservoir Engineering
- Applied Reservoir Engineering technology
- Computer Applications in Petroleum Engineering
- Participated in supervising and discussing of graduation projects for Undergraduate B.Sc. and Diploma students.

Awards and Grants:

- Scholarship awarded by PETRONAS, Sudan University of Science & Technology for PhD program in Petroleum Engineering at Geosciences and Petroleum Engineering Department, Universiti Teknologi PETRONAS. Bandar Seri Iskandar, 31750 Tronoh, Perak Darul Ridzuan, Malaysia
- Scholarship awarded by University of Petroleum, Beijing and Sudan University of Science & Technology (1999-2004) Leading to B. Sc and M. Sc degree in Petroleum Engineering

Research studies:

- Heat Assisted WAG with Chemical Additives for Heavy Oil Recovery: (Experimental, simulation and predictive models) For PhD degree (Currently).
- Reservoir Engineering Study of Unity Oil Field, Sudan: For M.Sc degree

Research interest:

- Reservoir Modeling and Simulation
- Enhanced oil recovery methods
- Evaluation of Oil Reservoir

Publications:

- Sami A.Musa, Mariyamni Awang, Birol Demiral, N.El-Khatib. **“Development of a Mathematical Model for Heavy Oil Recovery using Heat Assisted WAG with Chemical Additives”** ; International Conference on Integrated Petroleum Engineering and Geoscience(ICIPEG), Kuala Lumpur, Malaysia, 15-17 June 2010.
- Sami A.Musa, Mariyamni Awang, N.El-Khatib, Birol Demiral,,(2011).**“Two-dimensional mathematical model for Heat Assisted WAG with Chemical Additives for Heavy Oil Recovery”**; NPC, UTP, Malaysia, 2011
- Sami A.Musa, Mariyamni Awang, N. El-Khatib. :**“Prediction of Heated and Steamed Zone Volume During the Steam Flood Using Alternating Conditional Expectation Algorithm ”**; International Conference on Integrated Petroleum Engineering and Geoscience(ICIPEG), Kuala Lumpur, Malaysia, June 2012..

Professional Development Activities:

- Workshop on preparing a course Portfolio, 2013, SUST.
- Enhanced oil Recovery workshop (20-21 March 2012) ,UTP.
- Journal Writing Course (21 December 2011), UTP.
- Attended Assisted History Matching using EasySense and CondorFlow on 30 November 2010-2 December 2010.UTP
- Five days. Intensive workshop on development of skills in research, data analysis and thesis writing, 2006
- Five days. Intensive workshop on development of skills in research, data analysis and thesis writing, 2005

Languages:

Arabic, English and Chinese

References:

Prof. Dr. Noaman El-Khatib,
Petroleum Engineering professor.
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Further references will be provided on request