

MENA 2015 Oil & Gas Conference

The 10th Middle East and North Africa Oil & Gas Conference

Oman: An Analogue for Future Oil and Gas of MENA

Chairmen and Speakers of MENA 2015 Oil and Gas Conference



Mr. Mohammad AbduAllah is a Senior Geologist in Kuwait Oil Company with involvement in management of Rock & Fluid analysis, wireline logging and technical consultancy service contracts. He obtained his B.S Degree in Geology from the University of Kansas, USA (2004) and started his career in 2005 as a Wireline and Testing field Eng. in Gulf Drilling and Maintenance Company (GDMC), and joined Kuwait Oil Company in 2006.



Mr. Gamal AbuElkhair is a Senior Service Engineer at Kuwait Oil Company, Ahmadi, Kuwait. Gamal has a B.Sc. in Marine Engineering and Naval Architecture, Faculty of Engineering, Alexandria University. He worked extensively on onshore and offshore oil and gas facilities in the Egypt, Cyprus, Kuwait, Qatar, South Africa and Kuwait.



Dr. Sanem Açıkalin is a Clastic Reservoir Geologist at Badley Ashton & Associates Ltd. Horncastle, Lincolnshire, UK. Dr Sanem received her PhD while working as Teaching Assistant at Eskisehir Osmangazi University, Turkey. She then worked as a Researcher at the same university. Sanem assisted with a number of undergraduate courses (including sedimentology, stratigraphy, geological mapping and field studies), supervised MSc and BSc students and was involved and partially managed several scientific research projects as an expert of sedimentary petrography, stratigraphic logging, field mapping, chemo and isotope stratigraphy. Dr. Sanem joined Badley Ashton in July 2012 as a Clastic Reservoir Geologist.. As a reservoir geologist, Sanem has been involved in numerous single and multi-well studies mainly in the Middle East and North Sea regions. Her experience lies in core description, wireline log interpretation, detailed facies description and interpretation, clastic petrography, geochemical techniques and provenance analysis and basin reconstruction, as well as preparation of detailed and integrated technical reports. Sanem mainly specialises in sedimentology of fluvial, alluvial and deep marine systems as well as clastic petrography and geochemistry. She is currently a member of the Paralic/Shallow Marine Team studying the **Precambrian-Cambrian clastic reservoirs of Abu Butabul Field, western Oman**.



Dr. Michael Ala, Department of Earth Science and Engineering, Royal School of Mines, Imperial College, University of London, London, UK. Dr. Ala has been closely associated with the oil industry for more than 30 years both as an exploration geologist with an independent oil company and as a consultant. He has a BSc in Oil Technology and an MSc, PhD and DIC in Petroleum Geology from Imperial College. In 1972 he joined Seagull Exploration International and was involved in exploration studies and prospect evaluation in many parts of the world including Africa, northwest Europe, eastern Mediterranean, the Caribbean, South America and the Middle East. In 1976 he became the company's General Manager in London, responsible for its north European and Middle Eastern operations. Since 1981 he has been a member of the academic staff in the Earth Science Department of Imperial College, rising to the post of Director of the internationally recognized MSc Petroleum Geoscience Course in 1994. Dr Ala has published more than 60 research and review articles covering the Middle East and West Africa, focusing on the petroleum geology and oil industry of Iran and is on the Editorial Board of the international Journal of Petroleum Geology. Dr Ala was also Editor in Chief of Seventy-Five Years of Progress in Oil Field Science and Technology, published in 1990.

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Since 1982 he has been organizing and presenting numerous industrial training programs in Europe, north Africa, west Africa and southeast Asia. Currently, Dr Ala is completing a textbook entitled The Acquisition and Interpretation of Open-hole Logs.

Dr Ala is the co-founder (1988) and Director of Hydrocarbons Venture Limited, a UK based organisation involved in consultancy and participation in exploration projects. Until 2008, he was Chairman of Azar Energy Qeshm, a company he co-founded in 2003 with the aim of participating in the Iranian oil and gas sector projects. In 2007 he joined the board of Dominion Energy as a non-Executive Director. Dominion's principal activity is the exploration and development of oil and gas fields in north Africa in general and in Tunisia specifically.



Mr. Khaled Ibrahim Al-Awadhi is Team Leader Enterprise Risk Management in Kuwait Oil Company. Khaled is in charge of development and coordination of the organization's Risk Management Programs. He has vast experience in Major Projects having worked on Construction of New Gathering centres, Tank Farms and Seawater injection plant etc. He is the winner of several appreciation awards such as Parsons engineering safety award for the month of July 2000. Parsons appreciation award for the completion of GC-28 and KOC appreciation award for the completion of GC-28. Khalid has a BS in Mechanical Engineering from Gannon University, Pennsylvania, USA.



Dr. Salah H. Al-Dhahab is the Appointed Senior Geological Advisor at Daleel Petroleum (independent operator) in, Muscat, Oman.

Dr Salah has 20 years of experience in the Oil and Gas industry through working for **Petroleum Development of Oman (NOC)**, Shell EPT (IOC), Knowledge Reservoir petroleum service company (now RPS-KR), **Oman Oil Company** (upstream investment company). During these years Dr. Salah acquired hands-on work experience on several types of field developments including primary pure depletion, to secondary water flooding to tertiary thermal GOGD and thermal flooding.

Dr. Salah analysed data at several scales from well scale to field scale to regional scale, and participated in FDPS of several oil and gas, carbonate and clastic fields.

Dr. Salah has a BSc in Petroleum Geology from the University of Aberdeen and a PhD in fractured reservoir characterization from the Institute of Petroleum, Heriot-Watt University, Aberdeen, UK.



Eng. Fatma Al-Enezi is a Petroleum Engineer, in the Northern Fields Directorate, Kuwait Oil Company.

Ms Al-Enezi joined KOC in year 2000, and she has been working on horizontal well completion, ICD design, well stimulation and reservoirs fracking at North Fields Directorate of Kuwait Oil Company.

Fatma has a BSc and MSc in Petroleum Engineering from the Petroleum & Engineering College, Kuwait University, Kuwait.

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Professor Ali Ismail Al-Juboury is a Professor and Researcher in petrology and mineralogy of sediments, Iraq. Professor Al-Juboury received his BSc in geology and MSc in sedimentology from Mosul University, Iraq in 1980 and 1983 respectively, and PhD from Comenius University, Slovakia in 1992. He is a member of numerous international societies and has published several papers on sedimentological, mineralogical and geochemical topics in local and international refereed journals. Professor Al-Juboury received the 2009 Distinguished Scholars Award from the Arab Fund For Economic and Social Development, Kuwait.



Mr. Ibrahim Abdul Kareem Al-Kandari obtained his BSs degree in Geology from Kuwait University in 1979, and soon after that he joined in Kuwait Oil Company as Geologist. Moved up the ladder and worked in as a Team Leader of various multi-disciplinary teams including; Field Development, Production Development, Surveillance and Logging Services, and Training & Development positions for more than 30 years. He has many publications on various disciplines.



Nael Al-Nuaimi has a BSc in geology from Mosul University in 1978. Soon after his graduation he worked for three years in western part of Iraq in Anbar province near Syrian, Jordanian and Saudi border as a well-site geologist in a project to study the geology of western region of Iraq. Nael left to the UK and received his Master of Philosophy (MPhil) degree in mineralogy from Leeds University in Yorkshire in 1985. In 1990 he finished one year training in Software Engineering from Newcastle Polytechnic in Northumberland, and perused a career in Information technology in different market sector (Telecom, Health, Banking & Insurance industry) as IT consultant. Nael completed a Master Degree in Management and Information systems from Manchester University; his research project was Digital Oilfield.



Dr. Munim Al-Rawi. Director, Carta Energy, County Kildare, Ireland.

Dr. Munim has a BSc in Geology from the University of Baghdad, MSc, PhD and DIC in Petroleum Geology from Imperial College, London. He was Lecturer/Assistant professor on Petroleum Geology at Kuwait University and King Abdul-Aziz University, Saudi Arabia respectively and Visiting Professor at **the UAE University**. Dr. Al-Rawi was associated consultant geologist with the Arab Petroleum Consultants, Kuwait, Petroconsultants, Dublin and Geneva, before he founded his consulting company Carta Design Limited. Dr. Al Rawi is a well published Geologist on the Petroleum Geology of the Middle East, and **his current project is Precambrian source and reservoir rocks potentials in Oman and Arabian Middle East Countries.**



Dr. Meriem Bertouche is the CEO of Badley Ashton & Associates Ltd.

Meriem joined Badley Ashton in April 2005 as a reservoir geologist. In her position as CEO, which she has held since 2012, Meriem is responsible for overseeing the Company's activity as a whole, and for growing the business worldwide and developing in-house technical capability. Technically, Meriem specialises in process-based sedimentology, structural geology and borehole imaging, and is in charge of the technical assurance of the Company's borehole image and structural work and the training of new staff.

Throughout her time with Badley Ashton Meriem has been involved in various

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regional studies, as well as very specific problem-solving studies, where borehole images have been used to characterise complex sedimentary features and palaeoflow directions and to identify structural dip variations and fracture impact. These extensive BHI evaluations have been undertaken in a variety of geological environments and included sedimentological calibration with cores and petrographical data from deep-water, aeolian and paralic reservoirs and integration of structural data to help establish depositional models and define reservoir architectures. In her position of borehole image Technical Leader, Dr. Meriem carries out a range of internal and external duties, including generation of projects proposals and interaction with oil company teams, training of geological staff (both for Badley Ashton and oil companies), borehole image technical assurance and marketing.



Dr. David Boote, Consultant Geologist, DB Consulting, UK. David Boote spent twenty five years in international new venture exploration with Occidental Oil and Gas Company, variously as Chief Geologist Worldwide Exploration, Regional Manager (Middle and Far East) and Senior Geological Advisor, responsible for basin evaluations, play analysis, prospect generation and field appraisals in most parts of the world.

Since leaving Occidental in 2000, he has been active as an independent consultant focusing on regional stratigraphic and hydrocarbon petroleum system analyses in North and East Africa and the Middle East.

Dr. David published an impeccable chronicle of the **Safah Oil Field, Oman**.



Mr. Suresh Chellappan is a Senior Reservoir Engineer in Kuwait Oil Company.

He has a Master of Technology (Applied Geology) from the Indian Institute of Technology, Roorkee, India.

Suresh worked for ONGC for 12.5 years in India in field development, reservoir monitoring, reservoir Management and well production management.

He is involved in horizontal well completion, ICD design, well stimulation and reservoirs fracking among other duties in the northern oil fields Directorate of Kuwait Oil Company.

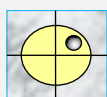
Dr. Abdul-Hamid Fenghour, Consultant Petrochemical Engineer, London, UK. Dr Fenghour has a B.Sc., M.Sc. and Ph.D. In Chemical Engineering, and CASLAT in advanced education. He is a Chartered Chemical Engineer, a member of the Inst. of Chemical Engineers, and the Editor of the Journal of Chemical Thermodynamics. Worked as Process Engineer, Plants Manager, Senior Project Engineer for the National Petrochemical Company of Algeria, and as Research Associate in the National Engineering Laboratories, East Kilbride, Glasgow, Scotland, and as a Research Associate in the IUPAC Centre, Department of Chemical Engineering, Imperial College. Dr. Fenghour authored more than 30 publications in refereed journals, books and conference proceedings.

Dr. Muhammad W. Ibrahim is the Research and Development Manager of Target Exploration Consultants, London, UK.

Muhammad received his BSc. in Geology from the College of Sciences, University of Baghdad, his MSc and PhD in Petroleum Geology from the Imperial College, University of London.

Dr. Ibrahim joined King Abdul-Aziz University, Jeddah, Saudi Arabia where he established the Department of Petroleum Geology there. After a short assignment

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Target Exploration

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as Consultant Geologist in KISR, Kuwait; Muhammad joined Mobil Oil and Veba Oel in Tripoli, Libya as Staff Geologist and left Veba after five years as Acting Development Group Superintendent.

Dr. Ibrahim established Target Exploration Consultants in London in 1990, but continued to work as Petroleum Geologist for several oil companies including: **Oman Oil Company E&P, in Muscat, Sultanate of Oman, Korea National Oil Corporation (ME) in Dubai, UAE, Kuwait Oil Company in Ahmadi, Kuwait; DNO in Iraq, Sudan and Syria; LASMO International and LASMO Grand Maghreb in London, UK and Tripoli, Libya.**

Muhammad contributed in few oil and gas discoveries such as VEBA's 4L1-11 and 4N1-11 discoveries, and discovery of carbonate build-up in Farroud reservoir of Ghani Field, Sirte Basin, Libya.

As a member of new venture team he contributed through due diligence integrated study of stacked reservoirs to more than doubling the officially estimated in-place oil reserves of a giant field for PETRONAS Charigali.

Muhammad published on several facets of the Petroleum Geology of the Middle East and North Africa, UKCS and USA*.

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<http://www.targetexploration.com/MLP.PDF>



Mr. Hama-Jaza Saleh, Kader is an independent Senior Pet. Advisor and Managing Director of Baba NRSC, Sulaimaniyah, Iraq. Hama-Jaza has a BSc. in Petroleum Engineering from University of Baghdad, College of Engineering. Hama worked as a Drilling Engineer at INMCO Mishraq Sulphur mine in northern Iraq, then moved to INOC (Iraq National Oil Company) to work as Drilling Operations Engineer EXPL/PROD, Well Testing Supervisor in Drilling and Production Department of INOC General Directorate, INOC/ NPO Authorized Representative for drilling and production of development wells in many oilfield in NPO (Northern Petroleum Organisation), INOC/CPO Drilling and Petroleum Engineering Operations Supervisor (in CPO- Central Petroleum Organisation), INOC/CPO Head of Cementing and Drilling Fluids Department, INOC/CPO Drilling Manager (directing 11 drilling, 3 workover rig, 2 directional drilling rigs from clusters).

Hama's work covered oil and/or gas fields: 1. Kirkuk, 2. Jambur, 3. Bi Hassan, 4. Ajeel (Saddam), 5. Kormor, 6. Hamreen, 7. Balad, 8. Qayarah, 9. Qasab, 10. Taqtaq, 11. Naft-Khana, 12. Badra, 13. Naudoman, 14. Ain-Zalah, 15. Butmah, 16. Sufaia, 17. Sasan, 18. Abtakh, 18. East Baghdad, 19. Nahrawan, 20. Ahdab, 21. Kifil, 22. Marjan, 23. Ekhedhir, 24. Tel-Gazal, and many others drilling locations; as well as follow-up all operations in SPO (South Petroleum Organisation) in Basrah under INOC umbrella.

Hama became the Head of Drilling Fluid and Cementing Section, Drilling Manager for CPO-Central Petroleum Organization, Chief Planning Engineer for Ministry of Oil in Baghdad.

During the latter years of the UNSC Sanction that lasted from 1990-2003 Hama left Baghdad to be the Chief Executive Consultant and Project Manager of Taqtaq Oilfield Development in north-eastern Iraq, where he fabricated a drilling/workover rig and a 10,000 BOPD oil refinery in Sulaimaniya in northern Iraq.

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In January 2002, Hama moved to Germany to become an Independent Petroleum Engineering Consultant and owner of GOGTEC Ing. Büro in Hannover-Germany.

In June 2003, Hama returned to Iraq after “liberation” to work as a member of IRDC-Iraqi reconstruction and Development Council.

During years 2003 to 2004 Hama-Jaza worked as Petroleum Advisor to the Coalition Provisional Authority-CPA/Baghdad and Ministry of Oil-MOO/Baghdad/Iraq.

From 2005 until 2007 he worked as Chief Planning Engineer for Northern Admin in KRG, General Manager for Oil and Mineral in Erbil/KRG and Senior Petroleum Advisor for KRG-PM Office, as well as Senior Petroleum Advisor of TTOPCO/Turkey.



Mr. Venkata Satyanarayana Rao Kavi currently works as a Senior Petrophysicist in Kuwait Oil Company, involved in managing wireline logging service contracts. He obtained his Master's Degree in Applied Physics with specialization in Electronics Engineering from Andhra University, India in 1980. He began his oilfield career as a Wireline Logging Engineer in Oil India Limited, a National Oil Company (NOC) of India in 1982. He has more than 30 years of Oil & Gas Industry experience. He presented papers in Petrotech and Oil Industry Safety Directorate conferences in India on various well logging topics including disposal of oil well explosives.



Mr. David Mackertich is an Independent Petroleum Geologist, based in London, UK. David has been working in the Middle East on and off for the last 15 years. He is **presently working on a project offshore Oman** and has been involved with the Kurdistan region of Iraq since 2006. He has worked with Petroceltic in the Middle East and he was employed by Gulf Keystone where he led the technical team that helped acquire the company's interests in the Shaikan field in late 2007. Between 1991 and 2003 he worked for Hess Corporation in the UK, Denmark and Malaysia. He holds an MBA from London Business School and MSc in Petroleum Geology from University College Dublin, Ireland and is a Fellow of the Geological Society of London.



Dr. Francis Perrin, Editorial Manager, Arab Oil and Gas, Arab Petroleum Research Center, and Président Stratégies et Politiques Energétiques (SPE). Studied economics and political science at the University of Grenoble (France). He received a PhD in energy economics and graduate from the Institute of Political Studies. Consultant and freelance journalist in energy economics. Editorial manager of Arab Oil & Gas published by the Paris-based Arab Petroleum Research Center. Contributing editor to Petrostrategies (Paris) and Africa Energy Intelligence. Dr Perrin research and publication are with special emphasis on the Middle East, Africa, the Caspian Sea region, sanctions and the strategies of the international oil industry.



Dr. John H. Powell is Chief Geologist with the British Geologic Survey (BGS). He gained his BSc and PhD at the University of Newcastle upon Tyne, UK. John has over 30 years professional experience in sedimentology, applied geology and geological mapping in the UK and internationally. He has worked with the Natural Resources Authority, Jordan, on mapping, sedimentology and basin analysis of the Phanerozoic succession, especially the Lower Palaeozoic and Cretaceous –

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Eocene sequences. John was BGS Regional Geologist for the Middle East and Africa from 1998 to 2000, and has worked in Syria, Morocco, Mauritania and Mozambique. He serves on the Geological Society of London Accreditation Committee and GSL Stratigraphy Commission. John is an external examiner at the King Abdul-Aziz University, Jeddah, and is an Editor of the Proceedings of the Geologists' Association.



Mr. Mostafa Mohammed Ismail Refaei is a Senior Petroleum Engineer in Kuwait Oil Company, involved in managing wireline logging service contracts and special projects. He obtained his B.Sc. in 1986, Post Graduate Diploma in Petroleum Engineering in 1992 and Master's Degree in Petroleum Engineering from Cairo University in 2006. He has more than 27 years of Oil & Gas Industry experience. He worked as an Assistant General Manager in Gemsa Petroleum Company (GEMPETCO). Prior to GEMPETCO, he worked in Gulf of Suez Petroleum Company (GUPCO), Egypt as a subsurface operations head.



Dr. Salam Smeasim is the Managing Director of Dar Alnahrain for Business Consultancy, Amman, Jordan. She has PhD in Economics from the College of Administration & Economics, Baghdad-2006, a PhD in Economics from Arab Institute for Higher Studies-1999; MA in International Economics from Arabic Studies Institute- 1988, High Diploma, International Economics, Arabic Studies Institute- 1987 and BA in Economics, University of Baghdad-1981.



Dr. Thamir Uqaili: Oil and Gas Consultant, Mississauga, Canada. Dr. Uqaili has a PhD. in Petroleum Engineering from the Imperial College, University of London. He worked as Reservoir Engineer (Basma Petroleum Company), Field Manager (North Oil Company), General Manager (Central Petroleum Operations) General Manager Planning Department (Ministry Of Oil) in Iraq; Area Reservoir Co-ordinator (North Africa) for Repsol, Spain; and BDM for Baker Hughes in Dubai, UAE.



Mr. Thoppil Chandy Varghese is a Project Leader in Enterprise in Kuwait Oil Company. He has over twenty five years of professional experience. Presently working in Enterprise Risk Management (ERM). Some of the ERM projects he has worked on include ERM Risk Identification, Risk mitigation and ERM performance Management. Thoppil has considerable knowledge of operational audits, management consultancy studies and quantitative tools in order to improve Business Processes. Key successes include reduction of the company risk exposure through implementation of risk mitigation plans.



Dr. Mohammed Warrak is a Consultant Geologist, Research Associate in Structural Geology, Imperial College, London, and Associate Lecturer, The Open University, UK. Dr. Mohammed has a B.Sc. Honours in Geology, University of Liverpool, M.Sc. and D.I.C. in Petroleum Geology, Imperial College, University of London, and Ph.D. in Structural Geology, Imperial College. His PhD degree involved studying an area of great structural complexity in the Western Alps of France. However, while he was labouring towards his structural PhD he presented an outstanding carbonates sedimentology/carbonates petrography paper to the Geological Society of London in 1973; in which he single-handedly resolved the

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genesis and closed the door of research on hitherto enigmatic “**Cornieules**” or **Box-work sedimentary structure****.

Dr. Warrak is a well-established researcher and teacher of Earth Sciences with **detailed knowledge of the Geology of the Northern Oman Mountains. The results of his research include scientific papers and six geological maps of some of the most important and geologically critical regions of the Northern Oman Mountains.** Dr. Warrak also carried out consultations to the Government of the UAE, the British Geological Survey (UAE Geological Map Project) and several national and international petroleum companies including, ADNOC (Salt Dome Traps, and other Projects), Calvalley Petroleum International (Yemen concession), and OMV.

**** Warrak, M. 1974. The petrography and origin of dedolomitized, veined or brecciated carbonate rocks, the ‘cornieules’, in the Fréjus region, French Alps”. Journal of the Geological Society, June 1974 130, 229-245.**