Analogous and diverse petroleum systems and seismic anomalies of producing & dormant un-unitised fields, new & old discoveries, and remaining prospects at the onshore & offshore sectors of the Middle East Basin

**MENA 2019 Oil & Gas Conference**
*(The 12th Middle East and North Africa Oil and Gas Conference)*

18-19 September 2019
At the Imperial College, 180 Queen’s Gate, London SW7, UK.
Organised by *Target Exploration*
[www.targetexploration.com](http://www.targetexploration.com)
Why The Gulf?: The surge in offshore seismic acquisitions, seismic reprocessing, regional exploration studies and new discoveries in the offshores of the Arabian Gulf, Gulf of Oman and the Arabian Sea since 2016 signals an onset of new offshore exploration cycle in the Middle East Basin.

The Main Objectives: The main objectives of MENA 2019 Oil & Gas Conference are sharing research on analogous and diverse, source, reservoir and cap rocks and seismic interpretations of producing fields, dormant fields and new prospective anomalies of The Gulf’s offshore sectors, and introducing new exploration and production opportunities and development, in the onshore and offshore sectors of the Middle East Basin.

Critical Issues: Papers on critical issues such as: Unitisation of onshore and offshore cross international borders oil and gas fields of the Arabian Gulf and MENA countries. transparency of MENA’s oil industries, introducing AI, ML, ERM, in a changing global climate, and role of oil companies in the cross-over to sustainable renewable energies for the Arabia Gulf and MENA countries are presented by eminent experts; Click here for Speakers Bios.

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There are escalating group registration discounts in Pre- and Post-MENA 2019 Oil & Gas Conference Courses. Click course title in the list of conference courses below for course description and registration form, fill the course registration form and e-mail it to: target@targetexploration.com.

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<th>Pre- and Post-MENA 2019 Oil &amp; Gas Conference Courses</th>
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<td>Acquisition, Processing &amp; Interpretation of Gravity / Magnetic Data for Petroleum Exploration. (1 Day Course TarC-2)</td>
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<td>Petroleum Geology and Typical Fields of OMAN. (2 Days Course TarC-3)</td>
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<td>Petroleum Geology and Typical Fields of UAE. (2 Days Course TarC-7)</td>
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<td>Source-rock Kinetics: An Old Technique Reinvented, with Many New Applications. (1 Day Course TarC-8)</td>
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<td>New Frontiers of the Next Generation of Basin Modeling Software for HC Exploration Teams (2 Days Course TarC-9)</td>
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<tr>
<td>Introduction to Data Sciences, Artificial Intelligence &amp; Machine Learning in Petroleum E &amp; P. (2 Days Course TarC-16)</td>
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The Gulf: Abstracts/Papers/Posters Submission Formats and Deadlines

Extended Abstracts: Up to 1,000 words, with reference list and up to 10 figures (in MS Word).

Papers: Preferably 3,000 to7,000 words with reference list and up to 15 Figures (in MS Word).

Posters: As paper or abstract in MS Word format, with up to 3 A2-A0 paper size posters in MS PowerPoint format.

Oral/Poster Presentations: Twenty minutes (in MS Powerpoint) /at Poster Stand, plus 5 /10 minutes questions time,

Publications: Accepted papers, extended abstracts, posters and standby papers will be published in conference proceedings, and delivered as hard copies and flash memories to conference delegates.

- Deadline of E-mailing accepted Paper, Poster or PowerPoint Presentation: 11 July 2019.
- E-mail your accepted Abstracts, Papers or Posters to: Dr. Muhammad W. Ibrahim.
- Email: m.ibrahim@targetexploration.com, Tel: (+44) (0) 207 371 2240, Mob: (+965) 976 350 26
# MENA 2019 Oil & Gas Conference

**Conference Day One: 18 September 2019: Sessions and Presentations**

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<tr>
<th>Session Time</th>
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<tr>
<td><strong>08:00-09:00</strong></td>
<td><strong>REGISTRATION AND COFFEE</strong></td>
<td><strong>TEA BREAK AND POSTER SESSION</strong></td>
<td><strong>LUNCH / TEA BREAK AND POSTER SESSION</strong></td>
<td><strong>TEA BREAK AND POSTER SESSION</strong></td>
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| **09:00/A1.** | Unitisation Models for MENA’s Cross-borders Oil and Gas Fields (I)  
*Chairman: Dr. M. Warrak, The Open University, Milton Keynes, UK.* | Offshore Petroleum Systems and Exploration Plays of The Arabian Gulf  
*Chairman: Dr. A. Fenghour, South Ban University, London, UK.* | Applications of Solar Energy in Arabian Gulf Oil Fields’ Production Operations  
*Chairman: Dr. A. Fenghour, Lecturer- South Bank University, London, UK.* | Seismic Solutions for Exploration, Development and Production Challenges  
*Chairman: Dr. A. Fenghour, Lecturer- South Bank University, London, UK.* |
| **09:00/A2.** | **Opening remarks, safety moment and review the trend of MENA Oil & Gas Conferences.**  
*Dr. MW. Ibrahim, Editor- MENA 2019 Oil & Gas Conf., Target Exploration, London, UK.* | Petroleum systems, exploration plays and typical fields of offshore Kuwait.  
*Dr. Muhammad W Ibrahim, Target Exploration Consultants Ltd., London, UK.* | Solar energy applications in the oilfields of Kuwait: Opportunities and challenges.  
*Dr. Raed A. Sherif, Solar Energy Expert, House of Trade (HOT) Engineering and Construction Company, Safat, Kuwait.* | Regional understanding and possible analogues from recently reprocessed seismic data – the new exploration frontier of the northern Gulf.  
*Trond Christoffersen, Chief Operating Officer, Global Geo Services AS, Norway.* |
| **09:30/A2.** | **Sustainable development in the oil and gas industry in MENA region.**  
*Dr. A. Fenghour, Senior Lecturer, Chemical Engineering and Petroleum Division, South Bank University, London, UK.* | Petroleum systems analysis approach to petroleum potential of the main source rocks in the northern Arabian Gulf offshore sectors of Iran, Iraq and Kuwait.  
*Dr. Qusay Abeed, Petroleum Geochemistry and Basin Modeling Expert, Halliburton, UK.* | **Continuous solar ESP injection project, Kuwait.**  
*Dr. Ibrahim El-Mahdy, QHSSE Director, Gas & Oilfield Services Company, Ahmadi, Kuwait.* | **TRANSPARENCY IN MENA’S UPSTREAM PETROLEUM AND ENERGY SECTORS - IRAQ A CASE STUDY.**  
*Ahmed Mousa Jiyad, Development Consultancy & Research, Norway.* |
| **10:00/A3.** | Transparency in MENA’s upstream petroleum and energy sectors - Iraq a case study.  
*Ahmed Mousa Jiyad, Development Consultancy & Research, Norway.* | Are solar oilfields the greener and sustainable future for the oil and gas sector in the Gulf and other MENA countries?  
*Dr. Mohammad Warrak, Lecturer-Geology, the Open University, Milton Keynes, UK.* | **TRANSPARENCY IN MENA’S UPSTREAM PETROLEUM AND ENERGY SECTORS - IRAQ A CASE STUDY.**  
*Ahmed Mousa Jiyad, Development Consultancy & Research, Norway.* | **TRANSPARENCY IN MENA’S UPSTREAM PETROLEUM AND ENERGY SECTORS - IRAQ A CASE STUDY.**  
*Ahmed Mousa Jiyad, Development Consultancy & Research, Norway.* |
| **10:30-11:00** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** |
| **11:00/B1.** | Offshore Petroleum Systems and Exploration Plays of The Arabian Gulf  
*Chairman: Dr. A. Fenghour, South Ban University, London, UK.* | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** |
| **11:00/B2.** | Petroleum systems, exploration plays and typical fields of offshore Kuwait.  
*Dr. Muhammad W Ibrahim, Target Exploration Consultants Ltd., London, UK.* | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** |
| **11:00/B3.** | Petroleum systems analysis approach to petroleum potential of the main source rocks in the northern Arabian Gulf offshore sectors of Iran, Iraq and Kuwait.  
*Dr. Qusay Abeed, Petroleum Geochemistry and Basin Modeling Expert, Halliburton, UK.* | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** |
| **12:00/B3.** | Are solar oilfields the greener and sustainable future for the oil and gas sector in the Gulf and other MENA countries?  
*Dr. Mohammad Warrak, Lecturer-Geology, the Open University, Milton Keynes, UK.* | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** |
| **12:30-13:30** | **LUNCH / TEA BREAK AND POSTER SESSION** | **LUNCH / TEA BREAK AND POSTER SESSION** | **LUNCH / TEA BREAK AND POSTER SESSION** | **LUNCH / TEA BREAK AND POSTER SESSION** |
| **13:30/C1.** | Applications of Solar Energy in Arabian Gulf Oil Fields’ Production Operations  
*Chairman: Dr. A. Fenghour, Lecturer- South Bank University, London, UK.* | Solar energy applications in the oilfields of Kuwait: Opportunities and challenges.  
| **14:00/C2.** | Continuous solar ESP injection project, Kuwait.  
*Dr. Ibrahim El-Mahdy, QHSSE Director, Gas & Oilfield Services Company, Ahmadi, Kuwait.* | **TRANSPARENCY IN MENA’S UPSTREAM PETROLEUM AND ENERGY SECTORS - IRAQ A CASE STUDY.**  
*Ahmed Mousa Jiyad, Development Consultancy & Research, Norway.* | **TRANSPARENCY IN MENA’S UPSTREAM PETROLEUM AND ENERGY SECTORS - IRAQ A CASE STUDY.**  
*Ahmed Mousa Jiyad, Development Consultancy & Research, Norway.* | **TRANSPARENCY IN MENA’S UPSTREAM PETROLEUM AND ENERGY SECTORS - IRAQ A CASE STUDY.**  
*Ahmed Mousa Jiyad, Development Consultancy & Research, Norway.* |
| **14:30-15:00** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** | **TEA BREAK AND POSTER SESSION** |
15:30/D2. Integrating seismic elastic properties with geological data to explore for new opportunities to maximize production of Wara Sand in Minagish Field, West Kuwait. Adel Ebaid, Taher Gezeery, Mohammed Al-Haddad® and Dr. Saad Matar, Kuwait Oil Company, Ahmadi, Kuwait.

16:00/D3. Seismic structural interpretation reveals prospective salt tectonic anomalies in the southern part of Sabratah Basin, offshore Libya. Dr. G. Reeh®, and Dr. MW. Ibrahim, Target Exploration Consultants, London, UK.

16:30-17:00 Panel Discussion and End of 1st Day Summary and Remarks Chairman: Dr. W. Pierce, STARTEXP, Cypress, Houston, Texas, USA

17.00 End of Day One of MENA 2019 Oil & Gas Conference

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<td>09:00/E1</td>
<td><strong>Oral Session E.</strong> Basin Modelling of Petroleum Source Rocks Maturation and Mudrock Reservoirs <strong>Chairman:</strong> Dr. M. Warrak, Lecturer, the Open University, Milton Keyes, UK. <strong>Opening remarks, safety moment, review of 1st day and outlines of 2nd day presentations. Dr. MW. Ibrahim, Editor-MENA 2019 Oil &amp; Gas Conf., Target Exploration, London, UK.</strong></td>
</tr>
<tr>
<td>09:30/E2</td>
<td><strong>Monterey to Marcellus: Use of ternary Q/C/C plots for interpreting mudrock reservoirs. Walter H. Pierce and Everett Rutherford, STARTEXP, Cypress, Houston, Texas, USA.</strong></td>
</tr>
<tr>
<td>10:00/E3</td>
<td><strong>Petroleum E, D &amp; P implications of structural evolution of on- and off-shore Kuwait. Muhammad W Ibrahim, Director, Target Exploration Consultants, London, UK.</strong></td>
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<td>10:30-11:00</td>
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<td>11:00/F1</td>
<td><strong>Oral Session F.</strong> Unitisation Models for MENA’s Cross-borders Oil and Gas Fields (II) <strong>Chairman:</strong> Dr. M. Warrak, Lecturer, the Open University, Milton Keyes, UK. <strong>Unitisation of offshore and onshore cross-borders oil and gas fields in theory and practice. Dr. Talal Mahmood Alqassar, International Petroleum Consultant, London, UK.</strong></td>
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<tr>
<td>11:30/F2</td>
<td><strong>Monetization strategies for joint development of border fields in MENA region. Ahmed Mousa Jiyad, CEO, Iraq Development Consultancy and Research, Norway.</strong></td>
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<tr>
<td>12:00/F3</td>
<td><strong>Stages and topics of creative problem solving for Geoscientists. Dr. W. Pierce, STARTEXP, Cypress, Houston, Texas, USA.</strong></td>
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<tr>
<td>12:30-13:30</td>
<td><strong>LUNCH / TEA BREAK AND POSTER SESSION</strong></td>
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<td>14:00/G2</td>
<td><strong>Political Risk in the MENA Region: General View Sabah Al Mukhtar, Petroleum Lawyer, Arab Law, London, UK.</strong></td>
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<tr>
<td>14:30-15:00</td>
<td><strong>TEA BREAK AND POSTER SESSION</strong></td>
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<td>15:00/H1</td>
<td><strong>Oral Session H.</strong> Mitigating the Cost and Environmental Impact of Oilfields Production in MENA <strong>Chairman:</strong> Dr. A. Fenghour, Senior Lecturer, South Bank University, London, UK. <strong>Collaborative approach to horizontal drilling for well cost and reservoir drainage optimisations, Minagish Field, West Kuwait. T. Gezeery¹, Y. Halawah¹, M. Rashidi², Dr. S. Matter², Z. Ramadan³, S. Osman³, A. Ahmed³, N. Al-Hamad³, D. Kumar³, M. Siam³ and S. Abdelbasset³, ¹Kuwait Oil Company, Ahmadi, Kuwait, ²Schlumberger, Ahmadi, Kuwait.</strong></td>
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Investigation of produced and ground water contamination of Al-Wahat area, southeastern part of Sirt Basin, Libya.

Dr. Khalifa Abdunaser¹ and Dr. Salem Eljawashi², ¹Libyan Petroleum Institute, ²Libyan National Oil Corporation, Tripoli, Libya.

Geologic, Seismic, Climatic and Oil Production Controls on Cyclic Hydrocarbon Seepages incidents at Al-Ahmadi Town, SE. Kuwait.

Dr. Muhammad W Ibrahim, Director, Target Exploration Consultants Ltd., London, UK.

Review of G&G Coverage of The Gulf, Panel Discussion & Concluding Remarks

Chairman: Trond Christoffersen, COO, Global Geo Services AS, Norway

Regional understanding and possible analogues from recently reprocessed seismic data - the new exploration frontier of the northern Gulf.

Trond Christoffersen, Chief Operating Officer, Global Geo Services AS, Norway.

Lithodata: A unique cloud hosted data solution for HC exploration and production.

Dr. F. Kohlmann¹, W. Noble¹ and R. Beucher¹,², ¹Lithodat Pty Ltd, Melbourne, Australia, ²University of Melbourne, Melbourne, Australia.


Muhammad W Ibrahim, Director, Target Exploration Consultants, London, UK.

Common themes and useful approaches for basin-modeling studies in offshore settings.

Dr. Douglas Waples, Director, Sirius Exploration Geochemistry, Inc., USA.

Formation characterization of shaly-sand reservoirs in the southern oil fields of Iraq.

Esmael K. Ibraheem, Consultant Reservoir Engineer, Target Exploration, London, UK.

Mitigation of conning in mature oilfield reservoirs.

Dr. Stanley I. Onwukwe, Dept. of Petroleum Engineering, Fed. Univ. of Technology, Nigeria

The global climatic and sea level changes case: Analyses of >60 years, weather, sea-level, geological, seismic records of USA-FEMA databases.

Dr. Muhammad W Ibrahim, Director, Target Exploration Consultants Ltd., London, UK.

Thermochronological data from The Gulf: How to boost your exploration workflow.

Dr. F. Kohlmann¹, R. Beucher¹,² and W. Noble¹,², ¹Lithodat Pty Ltd, Melbourne, Australia, ²University of Melbourne, Melbourne, Australia.

Petroleum systems and exploration plays in offshore Iraq.

Dr. Muhammad W Ibrahim, Target Exploration Consultants Ltd., London, UK.
The 12th Middle East and North Africa Oil and Gas Conference, and pre- & post-conference courses will be held at the Imperial College, 180 Queens Gate, London SW7 (Building 15 in Location Map below). The Imperial College is located at the center of scientific quarter of London. The Royal Geographical Society, the Geological Museum, the Natural History Museum, the Science Museum, the Royal Victoria & Albert Museum, the Royal School of Art, the Royal School of Music, the Hyde Park and the Royal Albert Hall are all within 10 minutes walking distance from the Imperial College.

Travel

The nearest Bus stops to the conference location are: No. 9 and 10 at Kensington High Street (Kensington Gore), and No. 49 at Gloucester Road. Nearest Underground Stations are: South Kensington and Kensington High Street, (See bus stops and underground stations in location map below).

Accommodation

To book your accommodation within or outside the Imperial College campus, please visit the Imperial College Accommodation Department’s website or contact the Imperial College Accommodation Staff at: Tel: +44 (207) 594 9507  Fax: +44 (207) 594 9505 or via the Imperial College Accommodation Department Website: http://www3.imperial.ac.uk/summeraccommodation
Conference is held at Huxley Building, Imperial College, 180 Queens’ Gate, London SW7.
Conference Registration Form

\section*{MENA 2019 Oil & Gas Conference}
18 and 19 September 2019, at the Imperial College, London, SW7

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\section*{PAYMENT DETAILS}

Two days conference Registration is £850/delegate before 1\textsuperscript{st} of July 2019 and £950/delegate thereafter. One day Registration is £450/delegate and £550/delegate after 1\textsuperscript{st} July 2019. (Registration includes conference sessions, conference document with flash memory, refreshments and lunches).

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Please fill and e-mail this registration form to: target@targetexploration.com. For sponsorship and other information contact Dr. MW. Ibrahim, Target Exploration Consultants, 65 Kenton Court, London W14 8NW, UK. Tel: +44 (207) 371 2240, Mob (+965) 976 350 26. m.ibrahim@targetexploration.com

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