

Target Exploration

Energy Geosciences Research & Development



Short C.V. and Publications of

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Summary

- Qualified* and experienced Petroleum Exploration, Fields Development, New-ventures and Geo-Energy Geologist.
- Trouble shooter, multidisciplinary technical taskforce leader, projects instigator, motivator and presenter.
- Contributed to regional petroleum exploration projects, new oil and gas discoveries and giant fields' development.

* PhD, DIC & MSc in Petroleum Geology (Imperial College, University of London) and BSc in Geology (College of Sciences, University of Baghdad).

Academic Qualifications and Research

- **Director and R&D Manager, Target Exploration Consultants, London, UK:**
 - (I) Developed synergetic basin analysis approach to prospects generation and ranking by integrating tectonic and structural evolution, stratigraphic, sedimentological, geochemical, geothermal, geophysical, wire-line logs, DSTs, production and hydrodynamic data.
 - (II) Authored structural, geothermal, geochemical and Petro-physical software.
 - (III) Used several generations of industrial software packages.
 - (IV) Published numerous scientific papers, authored many exclusive and nonexclusive reports.
 - (V) Presented several papers on regional geology, basin analysis, prospects generation, hydrocarbons exploration, fields' development, and HSE of petroleum operations at regional and international conferences.
 - (VI) Organised several MENA Oil and Gas Conferences at the prestigious Imperial College, London, UK.
 - (VII) Organised several Iraqi Petroleum Conferences (IPC) at the prestigious Imperial College, London, UK.

- **TPL Specialist Geologist-I, Research and Technology Group, Kuwait Oil Company (KOC), Al-Ahmadi, Kuwait:**
 - (I) Researched and published on the three-dimensional distribution of tar-mats in Minagish reservoir at Minagish Oil Field.
 - (II) Led and coordinated a team of 16 UDs and Experts in an urgent study to resolve the Shallow Gas Problem at the Magwa Dome of the Supergiant Greater Burgan Oil Field.
 - (III) Supervised and evaluated technical training programme of UD's.
 - (IV) Proposed, established, managed and coordinated the KOC's Technical Review Committee (TRC) for pre-submission reviewing, editing and approving KOC's papers before submission for presentation and/or publication outside the KOC.
 - (V) Planned, designed and supervised the KOC and the Kuwaiti Ministry of Oil intranet portals of the Technical Review Committee for authors, editors, reviewers, managers of the KOC.
 - (VI) Maintained patents registrations and patents applications of KOC's staff.

- **Acting Superintendent, Fields Development Geology Group's, Exploration Department., Veba Oel Operations, Tripoli, Libya:**
 - (I) Led a multidisciplinary pre-decommissioning team in a study of Tagrifiit (Ora) Oilfield, which recommended development of unrecognised fractured volcanic reservoir facies.
 - (II) Led a multidisciplinary taskforce team for evaluation of small and shut-in fields of Mobil Oil & Veba Oel, Tripoli, Libya.
- **Applied for USA patent for method and Software (CGG-ESTI®),** an innovative geothermal gradients plotting, analysis, mapping and interpretation.
- **Staff Geologist, Exploration Department, Mobil Oil Libya, Tripoli; Libya:**
 - (I) Proposed planned and coordinated a regional geochemical source rocks evaluation of Eastern Sirte Basin with Robertson Research International and several Libyan Oil Companies for the Libyan National Oil Corporation.
 - (II) Used the study's interim results in re-evaluating identifying new source rocks and generating new prospects in VEBA's concessions.
- **Consultant Geologist, Kuwait Institute for Scientific Research (KISR), Kuwait:** Researched a report on the Petroleum Geology of Kuwait.
- **Head of Department of Petroleum Geology, Faculty of Earth Sciences, King Abdul Aziz Univ., Jeddah; Saudi Arabia:**
 - (I) Established the Department of Petroleum Geology.
 - (II) Lectured on Petroleum Geology to undergraduate students.
 - (III) Established petroleum research group and directed research projects.
 - (IV) Published the first Department's paper at the AAPG Bull.
- **Ph.D. in Petroleum Geology,** Royal School of Mines, Imperial College, University of London.
- **D.I.C. (Diploma of the Imperial College) in Petroleum Geology,** Royal School of Mines, Imperial College, University of London.
- **M.Sc. in Petroleum Geology,** Royal School of Mines, Imperial College, University of London.
- **B.Sc. in Geology,** Department of Geology, Sciences College, University of Baghdad.

Industrial Experience

Director and R&D Manager of Target Exploration Consultants, London, UK. Extensive multidisciplinary petroleum exploration, fields' development and new-ventures evaluation experience gained through research and employment by several oil companies, including:

	Director and R&D Manager: Target Exploration Consultants Ltd., Kensington, London, UK.	2014-Present
	Senior Exploration Geologist: Oman Oil Company Exploration and Production (OOCEP), Muscat, Oman.	2012-2013
	Geology Advisor: Korea National Oil Corporation Middle East (KNOC), Dubai, UAE.	2010-2011
	TPL Specialist Geologist- I: Kuwait Oil Company (KOC), Ahmadi, Kuwait.	2006-2009
	Director and R&D Manager: Target Exploration Consultants, Kensington, London, United Kingdom.	1992-2005
	Consultant Geologist: LASMO International and LASMO Grand Maghreb, London, UK & Tripoli, Libya.	1990-1991
Veba Oel	Acting Superintendent of Fields Development Group: Exploration Dept., Veba Oel Operations, Tripoli, Libya.	1984-1989
	Staff Regional Exploration Geologist: Exploration Department, Mobil Oil Libya, Tripoli, Libya.	1982-1983

1. Studied small to supergiant oil and gas fields, including:
 - Fractured Oligocene reservoirs of Kirkuk Oil Field, Iraq.
 - Cretaceous sandstone reservoirs of Zubair Oil Field, Iraq.
 - Cretaceous Yamama Carbonate reservoir of Ratawi Field, Iraq.
 - Cretaceous Minagish Carbonate reservoir of Minagish Field, Kuwait.
 - Fractured Cambro-Ordovician quartzite reservoir of Amal Oil Field, Libya.
 - Fractured Cambro-Ordovician volcanic reservoirs of Ora Oil Field, Libya.
2. Proposed and coordinated regional geochemical source rocks evaluation of Eastern Sirte Basin for the National Oil Corp., Libya.
3. Led multidisciplinary taskforce team for the evaluation of small and shut-in fields' of Mobil Oil & Veba Oel Operations, Tripoli, Libya.
4. Contributed to new oil and gas discoveries through exploration and development operations and research in Libya, Iraq and Oman.
5. Participation in appraising, ranking, acquisition and relinquishment of concessions in EPSA and DPSA rounds in MENA countries.
6. Provided consultations, coordinated studies, authored and compiled new-ventures reports for private, national and international oil companies through Target Exploration, London, UK.

Target Explorations' list of clients includes: **AMOCO Overseas (BP), BULA, Chevron, CONOCO-PHILLIPS, DNO-UK, DNO-Syria, DNO-Iraq, Global Geophysical Services, INPEX, JNOC, KNOC, Maersk, Mobil Oil- UK, Norsk Hydro, PETRONAS, UNOCAL, etc.**



Affiliations

- **IGS**-Iraqi Geological Society, 1968.
- **AAPG**, Active Member, 1972.
- **SPE**, Member, 1982. **IT Director and Board Member of Kuwait Chapter; 2007-2009**, Oman Chapter, 2012.
- **GES-GB (Geoscience Energy Society of Great Britain (formerly PES-GB))**, Member, 1989 -Present.
- **GES-GB's Chairman of Middle East Special Interest Group, 2021-Present.**
- **SPWLA**- Kuwait Chapter, Member, 2008.
- **GSE**- Geological Society of the Emirates, Member, 2011-Present.
- **EAGE**- European Association of Geologist and Engineers, Member, 2011.
- **GSO**-Geological Society of Oman, Member, 2012.

Relocations

Acquired a thorough understanding of local and regional petroleum systems of several MENA countries through working as on location petroleum geologist for several oil companies and research establishments across MENA concessions and countries boundaries (in Iraq, Jordan, Kuwait, Libya, Oman, Saudi Arabia, Sudan, Syria, UAE) and in Malaysia and the UK. Relocations numbers on the relocation map corresponds to status, position and responsibility:

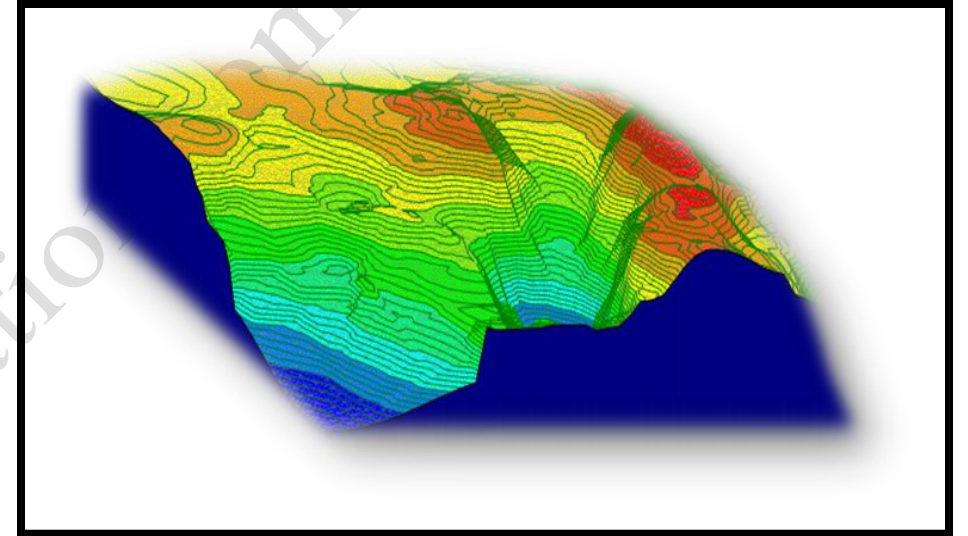
1. Undergraduate Summer Trainee Geologist, IPC, Kirkuk Supergiant Field, Iraq.

8. Staff Geologist, Mobil Oil Libya & VEBA Oil Operations, Tripoli, Libya. Contributed to 4L1-11 and 4N1-11 discoveries, and involved in carbonate build-up discovery in Farroud reservoir at Ghani Field, Sirte Basin.
9. Contract Geologist, LASMO Grand Maghreb and LASMO International, London/ Tripoli, Libya.
10. MENA Geologist, Target Exploration Consultants, London, UK. Worked as a consultant geologist for:
 - I. PETRONAS, Malaysia where he led a G&G team in a new venture due diligence study that more than doubled the in-place oil reserves of a giant oil field.
 - II. DNO in London, Iraq, Syria and Sudan.
 - III. Bula Resources in London and Iraq,
 - IV. Organised several Iraqi Petroleum and MENA Oil and Gas conferences, and fieldtrips to Lower Paleozoic exposures of Jordan.
11. Specialist Geologist I, R&T Group, Kuwait Oil Company, Ahmadi, Kuwait.
12. Petroleum Geologist and R&D Manager, Target Exploration Consultants, London, UK.
13. Geology Advisor, Exploration Team, KNOC-ME, Dubai, UAE. Exploring KNOC's Concessions in NE Iraq.
14. Senior Exploration Geologist, OOCEP, Muscat. Studies Haushi Group reservoirs in Abu Butabul Field, Block 60, Block 42 in Oman, and participated in technical evaluating of joint ventures fields in Oman, Iraq and Europe.

Industry-Standard Geoscience Software Used

Attended courses, and used industry-standard geoscience software:

1. **ARC-GIS:** GIS Applications Programme.
2. **BASINMOD:** Basin Modelling Programme.
3. **COREL DRAW:** Vector Drafting Programme.
4. **DIDGER:** Digitizing Programme.
5. **DIGI-DATA:** Digitizing Programme.
6. **FRACA:** Multi-Discipline Fracture Analyses Programme.
7. **FRACMAN:** IFP Multi Discipline Fracture Analyses Programme.
8. **GeoX:** Schlumberger Risked Reserves Estimation Programmes.
9. **LOG-PLOT:** Log Plotting Programme.
10. **LOPATIN:** Basin Modelling Programme.
11. **PETREL:** Geological Contouring and Modelling Programme.
12. **PETROMOD:** Basin Modelling Programme.
13. **REP:** Monte Carlo-Risked Reserves Evaluation Programme.
14. **ROCKWORKS:** Contouring, cross-section plotting and modelling Programme.
15. **SURFER:** Contouring, cross-section plotting and modelling Programme.



Computer Software Programmed, Portals Designed and Websites Maintained

Attended **FORTRAN, BASIC, C and JAVA** computer programming courses, and authored geological, structural, geothermal, basin analyses and wire-line and drilling mud gas logging software, including:

1. **CGG-ESTI**®: Interactive geothermal gradients analysis software, for collecting and correcting BHT data, geothermal cross-plot analysis to identify the geothermal signature of producing wells to identify “un-discovery” wells. Based on Ibrahim's publications. ([IBRAHIM 2000B](#), [IBRAHIM 2018B](#), and [IBRAHIM 2018C](#) [PPTX](#)).
2. **E&P-RANK**: An E&P block ranking software developed to rank large number of concessions in one or several basins in single or several countries. Developed while working on assessing and ranking 137 blocks offered in the Libyan round of 2000. Based on Ibrahim’s publication. ([IBRAHIM 2001E](#)).
3. **GCA-DM**: Converts C1, C2, C3, C4 and C5 drilling mud Gas Chromatographic readings to Whittaker and Sellens’s Wh, Bh, and Ch Gas Ratios and Pixler’s Gas Ratios ready for plotting as interpreted logs against drilling depth. The program interactively interprets the Gas Ratios for potentially productive oil, gas and condensates zones in matrix, fractured-matrix and fractured reservoirs with high certainty.
4. **LOG-AND**: A cluster of interactive open-hole log analysis programmes for porosity/matrix identification cross-plots and Sw% calculation. Based on Bateman and Konen's (1977).
5. **ST-GRTH**: Single field and regional structural evolution analysis programme to recognise the onset of maturation, migration and development of structural closure. Based on Ibrahim's publications. ([IBRAHIM 1981B](#), and [Ibrahim & Mahrouqi 2001D](#)).
6. **KOC-TRC**: Proposed, coordinated, designed the Intra-net software and headed the Technical Review Committee of Kuwait Oil Company (KOC) with the IT staff of Research and Technology (R&T) Group of the KOC from 2007 until 2009. ([IBRAHIM, 2010B](#)).
7. Designed and maintained Target Exploration Consultants website since 1999. <https://www.TargetExploration.Com>

Fieldtrip Series Organised and Fieldtrip Guidebooks Edited

1. **Paleozoic Hydrocarbon Systems of the Northern Middle East**, Field Trip and Seminar; Abed, A., Amirah, B. and M. Ibrahim, Field Guidebook: 19-23 April, 1997, Amman, Jordan. Target EC. pp. 39-73. [TRIPS](#)
2. **2000- The Paleozoic of Jordan**: a Window to the Lower Paleozoic Hydrocarbon System of the Northern Middle East. Abed, A., B. Amirah, M. W. Ibrahim, and A. Al Laboun (2000). A GEO2000 Field Trip and Seminar, 31 March - 4 April 2000, Amman, Jordan. Target, EC, 70p. [TRIPS](#)
3. **2002-Fieldtrip Guidebook: Petroleum Systems and Archaeology of Jordan**- A Window to the Mesozoic and Paleozoic Hydrocarbon Systems of the Middle East: Post-GEO 2002 Field Trip/Seminar. (Amman 20 -24 April 2002)
4. **Al-Jabal Al-Akhdhar**, Oman- a Window to Mesozoic Petroleum Systems of the Middle East, One Day Fieldtrip, Muscat, Oman

Conference Series Organised and Conference Proceedings Edited

5. **IPC99: Iraqi Petroleum Conference 1999**, M.W Ibrahim (Editor), ENTRC-TARGET C. G., 9-10 September 1999, Imperial College, London. 17p. [IPC1999](#)
6. **MENA 2000 Oil & Gas Conference**: Middle East and North Africa Oil and Gas Conference, MW Ibrahim (Editor), Target Exploration, 18 &19 September 2000, Imperial College, London. 170 p. [MENA 2000](#)
7. **MENA 2001 Oil and Gas Conference**: The 2nd Middle East and North Africa Oil and Gas Conference, MW Ibrahim (Editor), Target Exploration, 18 & 19 September 2001, Imperial College, London, 350 p. [MENA 2001](#)

8. **MENA 2002 Oil and Gas Conference:** The 3rd Middle East and North Africa Oil and Gas Conference, MW Ibrahim (Editor), Target Exploration, 19 &20 September 2002, Imperial College, London, 400 p. [MENA 2002](#)
9. **MENA 2003 Oil and Gas Conference:** The 4th. Middle East and North Africa Oil and Gas Conference, MW Ibrahim (Editor), Target Exploration, 16 &17 September 2003, Imperial College, London, 202 p. [MENA 2003](#)
10. **MENA 2004 Oil and Gas Conference:** The 5th Middle East and North Africa Oil and Gas Conference, MW Ibrahim (Editor), Target Exploration, 20-21 September 2004, Imperial College, London, 240 P. and One CD. [MENA 2004](#)
11. **IPC05 (Iraq: Risks, Opportunities and Potentials):** The 2nd Iraqi Petroleum Conference), 27-28 June 2005, MW. Ibrahim (Editor), Target Exploration, Imperial College, London 160 P. and PDF CD. [IPC 2005](#)
12. **MENA 2005 Oil and Gas Conference (Libya a Focus on the Future):** The 6th. Middle East & North Africa Oil & Gas Conference), MW. Ibrahim (Editor), Target Exploration, 22 & 23 Sep. 2005, Imperial College, London, 66 p. and PDF CD. [MENA 2005](#)
13. **MENA 2009 Oil and Gas Conference (Aspects of the New Exploration and Production Cycles of MENA):** The 7th Middle East and North Africa Oil & Gas Conference, 28 & 29 Sep. 2009, Imperial College, London, 122 p. and PDF CD. [MENA 2009](#)
14. **MENA 2010 Oil and Gas Conference (Offshore MENA the Last Frontier):** The 8th Middle East and North Africa Oil & Gas Conference, MW. Ibrahim (Editor), Target Exploration, 20 & 21 Sep. 2010, Imperial College, London, 93p. and CD. [MENA 2010](#)
15. **IPC10 (Iraqi Oil and Gas Post 2003 Exploration and Production):** The 3rd Iraqi Petroleum Conference, MW. Ibrahim (Editor), Target Exploration, 22 & 23 September 2010, Imperial College, London, 98p. and PDF CD. [IPC2010](#)

16. **MENA 2011 Oil and Gas Conference** (Undeveloped Oil and Gas Discoveries of the Middle East and North Africa): The 9th Middle East and North Africa Oil and Gas Conference, MW. Ibrahim (Editor) Target Exploration, 19 & 20 Sept. 2011, Imperial College, London, 149p. and PDF CD. [MENA 2011](#)
17. **IPC12**, (Iraq- In Preparation for the 5th Bid Round- Exploration, Fields Development and Operation Challenges): The 4th Iraqi Petroleum Conference, MW. Ibrahim (Editor), Target Exploration, 13 & 14 Sep. 2012, Imperial College, London, 80p. and PDF CD. [IPC 2012](#)
18. **MENA 2015 Oil and Gas Conference** (Oman: An Analogue for Future Oil and Gas of MENA): The 10th Middle East and North Africa Oil and Gas Conference, MW. Ibrahim (Editor) Target Exploration, 9-10 September 2015, Imperial College, London, UK, 70P and PDF CD. [MENA 2015](#)
19. **MENA 2017 Oil and Gas Conference** (Energy Crossovers of MENA): The 11th Middle East and North Africa Oil and Gas Conference, MW. Ibrahim (Editor), Target Exploration, 18-19 September 2017, The Imperial College, London, UK., 50P and PDF CD. [MENA 2017](#)
20. **MENA 2019 Oil and Gas Conference** (The Gulf): The 12th Middle East and North Africa Oil and Gas Conference, MW. Ibrahim, (Editor), Target Exploration, 8-19 September 2019, Imperial College, London, UK., 54P and PDF CD. [MENA 2019](#)
21. **MENA 2022 Oil and Gas Conference** (Arabian Energy Resources For Net Zero World): The 13th Middle East and North Africa Oil and Gas Conference, MW Ibrahim (Editor), Target Exploration, 20 September 2022, Imperial College, London, UK.82P and PDF CD. [MENA 2022](#)

External Technical Publications

1. Ibrahim, MW (1979). Shifting depositional axes of Iraq: An outline of Geosynclinal History. J. Petroleum Geology 2 (2) pp 181-193. [IBRAHIM 1979](#)
2. Ibrahim, MW (1981A). Middle East: stratigraphic evolution and oil habitat, [Discussion]. AAPG Bull 65 (3) pp 540-541. [IBRAHIM 1981A](#)
3. Ibrahim, MW, Khan M, Khatib H (1981B). Structural evolution of Harmaliyah oil field, eastern Saudi Arabia. AAPG Bull 65 (11) pp 3403-3416. [IBRAHIM 1981B](#)
4. Ibrahim, MW (1981C). Chronometry of the Late Jurassic in the Middle East: A review. Rev Inst. Franc du petrol 36 (5) pp 595-606. [IBRAHIM 1981C](#)
5. Ibrahim, MW (1981D). Lithostratigraphy and subsurface geology of the Albian rocks of southern Iraq. J Petroleum Geology 4 (2) pp 147-162. [IBRAHIM 1981D](#)
6. Ibrahim, MW (1982A). Discussion of case histories of temperature surveys in Kuwait. J Petroleum Technology pp 2403-2405.
7. Ibrahim, MW (1982B). Lithofacies distribution of the Permian-Triassic rocks in the Middle East. J Petroleum Geology 5 (1) pp 97-99. [Discussion]. [IBRAHIM 1982B](#)
8. Ibrahim, MW (1983A). Petroleum geology of southern Iraq. AAPG Bull 67 (1) pp 97-130. [IBRAHIM1983A](#)
9. Ibrahim, MW (1983B). Some contemporary problems of petroleum geology in Kuwait: a Middle East example. J Petroleum Geology 6 (1) pp 71-82. [IBRAHIM 1983B](#)

10. Ibrahim, MW (1984). Geothermal gradients and geothermal oil generation in southern Iraq: a preliminary investigation. *J Petroleum Geology* 7 (1) pp 77-86. [IBRAHIM 1984](#)
11. Ibrahim, MW (1986). Compensated geothermal gradient: New map of old data. *AAPG Bull* 70 (5) pp 603. Abs. [IBRAHIM 1986](#)
12. Ibrahim, MW (1987A). Tectonic history, basin evaluation and petroleum geology of the upper Jurassic of southern Iraq. *AAPG Bull* 71 (5) pp 569-570. Abstract. [IBRAHIM 1987A](#)
13. Ibrahim, MW (1987B). Prospectivity of the Sirte group sands, eastern Sirte Basin, Libya, in 3rd Symposium of the Geology of Libya, 27-30 September 1987, College of Sciences, Al Fateh University, Tripoli, Libya, pp 75-76. Abstract.
14. Ibrahim, MW (1988). Compensated Geothermal Gradient Anomalies in a Mature Hydrocarbon Basin: Lake Pontchartrain, Lake Decade and Eugene Island, the Gulf Coast, Louisiana, USA. *AAPG Bull* 72 (2) pp 200. Abstract. [IBRAHIM 1988](#)
15. Ibrahim, MW (1992A). Prospectivity of the Sirt group sands, eastern Sirte basin, Libya. In 3rd Symposium of the Geology of Libya, 27-30 September 1987, College of Science, Al-Fateh University, Tripoli, Libya, Vol. 7, pp 2757-2779.
16. Ibrahim, MW (1992B). Geothermal Gradient Anomalies of Hydrocarbon Entrapment, UKCS North Sea. (Abstract). In Proc. of 10th Iraqi Geological Congress, Union of Iraqi Geologist, Baghdad, 28-31 Feb. 1992.
17. Ibrahim, MW (1992C). Basin Analysis, Play Model and Exploration Potential of Upper Jurassic Rocks of South Iraq. (Abstract). In Proceedings of 10th Iraqi Geological Congress, Union of Iraqi Geologist, Baghdad, 28-31 Feb. 1992. 1P.
18. Ibrahim, MW (1993). Geothermal gradient anomalies of hydrocarbon entrapment, Al-Hagfa Trough, Sirt Basin, Libya. (Abstract). In The Geology of Sirt Basin: First Symposium on Sedimentary Basins of Libya, Earth Sciences Society of Libya and National Oil Corporation, Tripoli, Libya 10-13 October, 1993, 1P.

19. Ibrahim, MW (1994). Geothermal Gradient Anomalies of Hydrocarbon Entrapment, UKCS Quadrants 35-54, In Proceedings of European Petroleum Computer Conference, 15-17 March 1994, Aberdeen, SP Paper No. 27547, pp 85-96. [IBRAHIM 1994](#)
20. Ibrahim, MW (1995). Geothermal Gradient Anomalies of Hydrocarbon Entrapment in the Middle East and North Africa, In Proceedings of GEO 94 the Middle East Geosciences Exhibition and Conference, 25-27 April 1994, Bahrain, Vol.2, pp 543-552. [IBRAHIM 1995](#)
21. Ibrahim, MW (1996A). Cretaceous Oil Plays in Mesopotamia, (Abstract). In PESGB Farm-in / Farm-out Seminar, 15 March 1996, London, 1p.
22. Ibrahim, MW (1996B). Silurian “Hot” Shale Labyrinths in the Middle East and North Africa. (Abstract). In Proceedings of GEO 96, 15-17 April 1996, Bahrain, GeoArabia, Vol.1, No.1, March 1996. p.151. [IBRAHIM 1996B](#)
23. Ibrahim, MW (1996C). Study sizes up Iraq’s reserves, exploration status, production potential, Oil and Gas Journal, June 24 1996, pp. 53-55. [IBRAHIM 1996C](#)
24. Ibrahim, MW (1997A). Geothermal gradient anomalies of hydrocarbon entrapment, Al-Hagfa Trough, Sirt Basin, Libya. In Geology of Sirt Basin, Salem m et al, Eds. Elsevier pub. Co., pp 419-433.
25. Ibrahim, MW (1997B). Palaeozoic Hydrocarbon Potential of Northern Arabia (with special emphases on Western Iraq), (Abstract). In PESGB Farm-in Seminar, 25 March 1997, London, 1p.
26. Ibrahim, MW (1997C). Paleozoic Hydrocarbon Systems of W. Iraq, In Abed, A., Amirah, B. and M. Ibrahim, Field Guidebook: Paleozoic Hydrocarbon Systems of the Northern Middle East, Field Trip and Seminar; 19-23 April, 1997, Amman, Jordan. Target, EC, pp.39-73.
27. Ibrahim, MW (1997D). Water Encroachment, Kirkuk Giant Oil Field, a Review. (Abstract). In First Super K Forum, Characterising and Modelling Super K, Conference Program and Abstracts, Saudi Aramco, Dhahran, Saudi Arabia, May 24-27, 1997. p. 33.

28. Ibrahim, MW (1998A). Cycles of Generation, Migration, Accumulation and Destruction of Hydrocarbon in Iraq. (Abstract). In Proceedings of GEO 98, 20-22 April 1998, Bahrain, GeoArabia, Vol.3, No.1, March 1998, p. 102-103. [IBRAHIM 1998A](#)
29. Ibrahim, MW (1998B). Paleozoic Hydrocarbon Potential of Western Iraq, In Proceedings of GEO 98, 20-22 April 1998, Bahrain, GeoArabia, Vol.3, No.1, March 1998, p 103. [IBRAHIM 1998B](#)
30. Ibrahim, MW (1998C). Chronology, Polarity and Re-Adjustments of Structural Closures in Arabian Anticlines: Implications to Hydrocarbon Entrapments and Field Development. (Extended Abstract). In Proc. of AAPG Annual Conv., 17-20 May 1998, Salt Lake City, Utah, V. 1, p. A-324-325. [IBRAHIM 1998C](#)
31. Ibrahim, MW (1998D). A Review of Um Chaimin Crater, Circular Features and Ring Structures of Iraq Yield Hydrocarbon Exploration Targets. Extended (Abstract). In Proc. of AAPG Annual Conv., 17-20 May 1998, Salt Lake City, Utah, v. 1, p 326. [IBRAHIM 1998D](#)
32. Ibrahim, MW (1998E). Hydrocarbon Prospectivity of Western Desert, Iraq. (Abstract), In Iraq: Oil and Gas Post-Sanction, CWC Assoc. Conference, 30 Nov.-1 Dec. 1998, Trianon Palace, Versailles, France. 200P.
33. Ibrahim, MW (1999A). Petroleum Systems and Hydrocarbon Prospectivity of Pre-Upper Cretaceous Rocks of Sirt Basin, Libya, 35p. In Libyan Oil and Gas, SMI Conference, 26-27 Jan. 1999, Hotel Ambassador, Paris, France.
34. Ibrahim, MW (1999B). Petroleum Systems and Hydrocarbon Potential of Onshore and Offshore Kuwait, 26P. In Kuwaiti Petroleum Summit, SMI Conference, 20-21 April. 1999, the Lanesborough Hotel, London, UK.
35. Ibrahim, MW (1999C). Petroleum Geology and Hydrocarbon Provinces of Iraq. In Iraqi Petroleum Conference 1999, ENTRC-TARGET C. G., 9-10 September 1999, Imperial College, London. 17p. [IPC1999](#)
36. Ibrahim, MW (1999D). Hydrocarbon Exploration potential of Western Iraq (with Reference to the Akkas Discovery). In Iraqi Petroleum Conference 1999, ENTRC-TARGET C. G., 9-10 September 1999, Imperial College, London. 24p. [IPC1999](#)

37. Ibrahim, MW (1999E). Hydrocarbon Exploration Potential of Iraq. (Abstract). In Extended Abstracts Volume, AAPG International Conference and Exhibition, Sept. 12-15, Birmingham, UK. p. 247. IBRAHIM 1999E
38. Ibrahim, MW (1999F). Iraq's Oil and Gas: Geology, Reserves and Opportunities. In Iraq Petroleum Summit 1999, SMI Conference, 1-2 Nov. 1999, Renaissance Paris Hotel, La Defence, Paris, France, PE1-22.
39. Ibrahim, MW (2000A). Missed, By-passed, and Under-estimated Hydrocarbon Traps: Examination of Basic Exploration Records Reveals Potential "Un-Discovery" Wells in Libya, (Abstract). Geo 2000, 4th. Middle East Geo-sciences Conference, 27-29 March, Bahrain. GeoArabia, V. 5, No. 1, pp. 112-113. IBRAHIM 2000A
40. Ibrahim, MW (2000B). Missed, By-passed, and Under-estimated Hydrocarbon Traps: Examination of Basic Exploration Records Reveals Potential "Un-Discovery" Wells in Libya, (Abstract). AAPG Annual Convention, 16-19 April 2000, Louisiana, p. A-72. [IBRAHIM 2000B](#)
41. Ibrahim, MW and Al Mahruqi, S (2000C). Petroleum Systems of the Hagfa Trough, Libya, (Extended Abstract) in Petroleum Systems and Evolving Technologies in African E&P. PESGB-Geol. Soc. Convention, 16-18 May 2000, London. pp 26/1-26/4.
42. Al-Mahruqi, S. and MW. Ibrahim (2000D) Hydrocarbon Systems of the Hagfa Trough, Libya: (Generation, Migration, Accumulation and Dissipation Cycles of Hydrocarbons) [PPP]. In MENA 2000 Oil & Gas Conference (Middle East and North Africa Oil and Gas Conference), Target Exploration, 18 &19 September 2000, Imperial College, London. 170 p. [MENA2000](#)
43. Ibrahim, MW. (2000E) Missed, Bypassed, Underestimated Hydrocarbon Traps: Analysis of Basic Exploration Records Reveals "Undiscovery Wells" in Libya [ppp]. In MENA 2000 Oil & Gas Conference (Middle East and North Africa Oil and Gas Conference), Target Exploration, 18 &19 September 2000, Imperial College, London. 170 p. [MENA2000](#)

44. Ibrahim, MW. (2000F) Petroleum Systems and Hydrocarbon Potential of Onshore and Offshore Kuwait, [PPP] MENA 2000 Oil & Gas Conference (Middle East and North Africa Oil and Gas Conference), Target Exploration, 18 &19 September 2000, Imperial College, London. 170 p. [MENA2000](#)
45. Stoneley, Robert, and MW. Ibrahim (2000G) Remaining Prospects in the Middle East and North Africa, are there More Super Giants Left to Discover? [PPP] MENA 2000 Oil & Gas Conference (Middle East and North Africa Oil and Gas Conference), Target Exploration, 18 &19 September 2000, Imperial College, London. 170 p. [MENA2000](#)
46. Ibrahim, MW (2000H). Rank, Potential, Undeveloped Fields and Discoveries of the New E&P Blocks of Onshore and Offshore Libya. (Extended Abstract) In 14 Iraqi Geological Congress, 15-17 October 2000, Iraqi Geologists Union, Baghdad, Iraq.
47. Ibrahim, MW (2001A). Petroleum systems and Hydrocarbon Potential of Onshore and Offshore Kuwait, (Abstract). 7th Jordanian Geological Conference 2-4 April 2001, Amman, Jordan.
48. Ibrahim, MW (2001B). Petroleum systems and Hydrocarbon Potential of Onshore and Offshore Kuwait. (Abstract). In The petroleum Geology of the Middle East Basin, One-day Seminar, 4 April 2001, JAPEC Training, The Scientific Societies Lecture Theatre, London, UK, 1p.
49. Ibrahim, MW (2001C). Hydrocarbon Potential of the Western Desert of Iraq, in Iraq Oil and Gas II, an SMI Conference, 21-22 May 2001, Hotel Ambassadeur, Nice, France. 1p.
50. Ibrahim, MW and S. Al-Mahrouqi (2001D). Hydrocarbon Systems of the Hagfa Trough, Sirte Basin, Libya, (Extended Abstract). AAPG Annual Convention, 2-3 June 2001, Denver, Colorado, P. A97. [Ibrahim & Mahrouqi 2001D](#)
51. Ibrahim, MW (2001E). Rank, Potential, Undeveloped Fields and Discoveries of the New E&P Blocks of Onshore and Offshore Libya. (Extended Abstract). AAPG Annual Convention, 2-3 June 2001, Denver, Colorado, P. A97. [IBRAHIM 2001E](#)
52. Ibrahim, MW (2001F). Rank, Potential, Undeveloped Fields and Discoveries of the New E&P Blocks of Onshore and Offshore Libya. (Abstract). North Africa Research Workshop 4th-5th September 2001, Oxford Brooks University. P 26.

53. Ibrahim, MW (2001G). Geology and Reservoirs of a Sleeping Giant: Hamrin Field, Iraq, 16 p. In MENA 2001 Oil and Gas Conference (The 2nd Middle East and North Africa Oil and Gas Conference), Target Exploration, 18 & 19 September 2001, Imperial College, London, 350 p. [MENA 2001G](#)
54. Ibrahim, MW (2001H). New E&P Blocks of Onshore and Offshore Libya: Rank, Potential, Undeveloped Fields, Discoveries and Dry-holes, 13 p. In MENA 2001 Oil and Gas Conference (The 2nd Middle East and North Africa Oil and Gas Conference), Target Exploration, 18 & 19 September 2001, Imperial College, London, 350 p. [MENA 2001H](#)
55. Ibrahim, MW (2001I). Missed, Bypassed, and Underestimated Hydrocarbon Traps: Analysis of Basic Exploration Records Reveals “Un-Discovery Wells” in Iraq, 17 p. In MENA 2001 Oil and Gas Conference (The 2nd Middle East and North Africa Oil and Gas Conference), Target Exploration, 18 & 19 September 2001, Imperial College, London, 350 p. [MENA 2001I](#)
56. Ibrahim, MW (2001J). Hydrocarbon Potential of the New and Old Western Desert Blocks of Iraq, (Ext. Abstract) 3 p. In MENA 2001 Oil and Gas Conference (The 2nd Middle East and North Africa Oil and Gas Conference), Target Exploration, 18 & 19 September 2001, Imperial College, London, 350 p. [MENA 2001J](#)
57. Ibrahim, MW (2001K). New E&P Blocks of Onshore and Offshore Libya: Rank, Potential, Undeveloped Fields, Discoveries and Dry-holes, 13 p. In Libyan Oil and Gas III, SMI Conferences, 19 & 20 November 2001, the Hatton, London, 172 p.
58. Ibrahim, MW (2002A). Missed, Bypassed, and Underestimated Hydrocarbon Traps: Analysis of Basic Exploration Records Reveals “Un-Discovery Wells” in North Arabia, (Abstract). In AAPG Annual Convention, Houston, Texas, USA. [IBRAHIM 2002A](#)
59. Ibrahim, MW (2002B). New E&P Blocks of Onshore and Offshore Libya: Ranks, Potential, Undeveloped Fields and Discoveries, (Extended Abstract) 1P. In PESGB-HGS: First Annual International Symposium “Africa, the success will continue”, 17-18 September 2002, Millennium Hotel, Grosvenor Square, London, 67P & one CD.

60. Ibrahim, MW (2002C). Unconformable Stratigraphic Traps Potential of South Iraq, (Extended Abstract) 6P. In MENA 2002 Oil and Gas Conference (The 3rd Middle East and North Africa Oil and Gas Conference), Target Exploration, 19 &20 September 2002, Imperial College, London, 400 p. [MENA 2002C](#)
61. Ibrahim, MW (2002D). New E&P Blocks of Onshore and Offshore Libya: Ranks, Potential, Undeveloped Fields and Discoveries, Poster, In Cairo 2002 Ancient Oil –New Energy, AAPG International Petroleum Conference and Exhibition, October 27-30, 2002, Cairo International Conference Centre, Cairo, Egypt. [IBRAHIM 2002D](#)
62. Muammar, K., M. Warrak and MW Ibrahim (2003A). Remaining Hydrocarbon Potential in the UAE, (Extended Abstract) 2p. In MENA 2003 Oil and Gas Conference (The 4th. Middle East and North Africa Oil and Gas Conference), Target Exploration, 16 &17 September 2003, Imperial College, London, 202 p. [MENA 2003A](#)
63. Ibrahim, MW (2003B). Typical Giant Oil Fields of Southern Iraq, (Extended Abstract) 4 p. In MENA 2003 Oil and Gas Conference (The 4th. Middle East and North Africa Oil and Gas Conference), Target Exploration, 16 &17 September 2003, Imperial College, London, 202 p. [MENA 2003B](#)
64. Ibrahim, MW (2003C). Unconformable Stratigraphic Traps Potential of Eastern Sirt Basin, Libya, (Extended Abstract) 8 p. In MENA 2003 Oil and Gas Conference (The 4th. Middle East and North Africa Oil and Gas Conference), Target Exploration, 16 &17 September 2003, Imperial College, London, 202 p. [MENA 2003C](#)
65. Al Dabagh, H. and MW Ibrahim (2003D). A Review of Um Chaimin Crater, Circular Features and Ring Structures of Iraq Yields Hydrocarbon Exploration Targets, 7 p. In MENA 2003 Oil and Gas Conference (The 4th. Middle East and North Africa Oil & Gas Conference), Target Exploration, 16 &17 September 2003, Imperial College, London, 202 p. [MENA 2003D](#)
66. Muammar, K., M. Warrak and MW Ibrahim (2003E). Petroleum Geology and Remaining Hydrocarbon Potential in the UAE, (Abstract) 1p. In Petroleum Geology of the Middle East (2 Days International Conference), 21-22 October 2003, the Geological Society, London, Abstracts Volume, 38 p.

67. Ibrahim, Muhammad W (2004). Unconformable Stratigraphic Traps Potential of South Iraq, (Abstract). In Geo2004, 6th Middle East Geosciences Conference and Exhibition, 7-10 March, Bahrain, Conference Abstracts, GeoArabia, V.9, No.1, P.80. [IBRAHIM 2004](#)
68. Ibrahim, MW (2005A). Unconformity Traps Potential of Sirte Basin, Libya. (Abstract). In AAPG Annual Convention 2005, 19-23 June, Calgary Convention Centre, Stampede Park, Calgary, Alberta, Canada. Abstracts Volume, 160P. P. A65-A66. [IBRAHIM 2005A](#)
69. Ibrahim, MW (2005B). Undeveloped Oil Fields and Remaining Potential: A Case Study of a Typical Sirte Basin Graben, Libya. (Abstract) 2p. In MENA 2005 Oil and Gas Conference (The 6th. Middle East and North Africa Oil and Gas Conference: Libya a Focus on The Future), Target Exploration, 22 & 23 September 2005, Imperial College, London, 66 p. and PDF CD. [MENA 2005B](#)
70. Ibrahim, MW (2005C). Dr. Wissam Al Hashimi (Obituary), 2p. In MENA 2005 Oil and Gas Conference (The 6th. Middle East and North Africa Oil and Gas Conference: Libya a Focus on the Future), Target Exploration, 22 & 23 September 2005, Imperial College, London, 66 p. and PDF CD. [MENA 2005C](#)
71. Ibrahim, MW (2005D). Dr. Wissam Al Hashimi, Ph.D. (Obituary), Petroleum Exploration Society of Great Britain, November 2005 Newsletter, P. 86-87.
72. Ibrahim, MW (2006A). Dr. Wissam Al Hashimi (Obituary), AAPG Bull, 90 (1), January 2006. Pp.148-149. [IBRAHIM 2006A](#)
73. Ibrahim, MW (2006B). Undeveloped Fields and Remaining Potential of a Typical Sirte Basin Graben, Libya. (Abstract). In Technology of Oil and Gas, 3rd International Forum and Exhibition, 12-14 September 2006, Libyan Petroleum Institute, Tripoli, Libya, [1 page Abstract], Conference Programme. [IBRAHIM 2006B](#)
74. Ibrahim, MW (2006C). Cycles of Giant Oil and Gas Discoveries in the Middle East and North Africa (With Special Emphases on Kuwait). In Kuwait 2nd International Oil and Gas Conference and Exhibition, 20-22 November 2006, Ministry of Oil, Kuwait, [1 Page abstract], Conference Programme. [IBRAHIM 2006C](#)

75. Ibrahim, MW (2007A). Missed, Bypassed and Under-estimated Hydrocarbon Traps: Analysis of Exploration Records Reveals “Un-discovery Wells” in North Arabia, (SPE105333-PP) In MEOS, 15th Middle East Oil Show and Conference, 11-14 March 2007, SPE, Bahrain, Conference CD. [IBRAHIM 2007A](#)
76. Ibrahim, MW (2007B). Undeveloped Fields and Remaining Potential of a Typical Sirte Basin Graben, Libya. (Abstract). In Geo2006 7th Middle East Geosciences Conference and Exhibition, March 27-29, Bahrain, Conference Abstracts, GeoArabia, V12, No.3. pp. 13-131. [IBRAHIM 2007B](#)
77. Ibrahim, MW and T. El Gezeery (2008A). Oil below oil/water contacts: Implications on the structural evolution of Minagish Oolite reservoir, Minagish oil field, Kuwait. (Poster). In Geo2008 8th Middle East Geosciences Conference and Exhibition, March 3-5, Bahrain, Abstract No.118996 Conference CD. [IBRAHIM & GEZEERY 2008A](#)
78. Ibrahim, MW (2008B). Missed, Bypassed and Under-Estimated Hydrocarbon Traps (Analysis of BHT Records Reveals “Undiscovery Wells” in Some OAPEC Countries). In Symposium on “Development in Petroleum Exploration & Production Technologies”, Jointly Organized by OAPEC and the Oil and Gas National Authority in Kingdom of Bahrain, Manama-Kingdom of Bahrain; 10-12 November, 2008.Conf. Abstracts, P. 31-33. [IBRAHIM 2008B](#)
79. Ibrahim, MW (2008C). Volcanic Reservoirs of Paleozoic Basins of Libya (A Case Study of the Reservoir Facies of Sirte Group, Targrfit (Ora) Oil Field). In the Fourth Symposium on the Sedimentary Basins of Libya “The Geology of Southern Libya. 17-20 November 2008, Tripoli, Libya. Conf. Abstracts, P.53.
80. Ibrahim, MW. (2009A). Some Aspects of the New Arabian-Persian Oil Production Cycle, Abstract and PowerPoint Presentation. In MENA 2009 Oil and Gas Conference (The 7th Middle East and North Africa Oil and Gas Conference: Aspects of the New Exploration and Production Cycles of MENA, Target Exploration, 28 & 29 September 2009, Imperial College, London, 122 p. and PDF CD. [MENA 2009A](#)
81. Ibrahim, MW (2009B). Early Exploration Fairways VS Recent Discoveries of Sirte Basin, Libya. 7p. Extended Abstract and PowerPoint Presentation. In MENA 2009 Oil and Gas Conference (The 7th Middle East and North Africa Oil and Gas Conference:

Aspects of the New Exploration and Production Cycles of MENA, Target Exploration, 28 & 29 September 2009, Imperial College, London, 122 p. and PDF CD. [MENA 2009B](#)

82. Ibrahim, MW (2009C). Un-discovery and Re-discovery Wells of a Typical Sirte Basin Graben, Libya. 2p Extended Abstract and PowerPoint Presentation. In MENA 2009 Oil and Gas Conference (The 7th Middle East and North Africa Oil and Gas Conference: Aspects of the New Exploration and Production Cycles of MENA, Target Exploration, 28 & 29 September 2009, Imperial College, London, 122 p. and PDF CD. [MENA 2009C](#)
83. Ibrahim, MW (2009D). Proven and Potential Volcanic Reservoirs of Libya. Abstract and PowerPoint Presentation. In MENA 2009 Oil and Gas Conference (The 7th Middle East and North Africa Oil and Gas Conference: Aspects of the New Exploration and Production Cycles of MENA, Target Exploration, 28 & 29 September 2009, Imperial College, London, 122 p. and PDF CD. [MENA 2009D](#)
84. Ibrahim, MW (2009E). Cycles of Giant Oil and Gas Discoveries in MENA Countries. 16p. In MENA 2009 Oil and Gas Conference (The 7th Middle East and North Africa Oil and Gas Conference: Aspects of the New Exploration and Production Cycles of MENA, Target Exploration, 28 & 29 September 2009, Imperial College, London, 122 p. and PDF CD. [MENA 2009E](#)
85. Ibrahim, MW (2009F). Hydrocarbon Exploration Play Fairways of Iraq. 1p. Abstract of Alternative Presentation. In MENA 2009 Oil and Gas Conference (The 7th Middle East and North Africa Oil and Gas Conference: Aspects of the New Exploration and Production Cycles of MENA, Target Exploration, 28 & 29 September 2009, Imperial College, London, 122 p. and PDF CD. [MENA 2009F](#)
86. Ibrahim, MW (2009G). The New Exploration Cycle of Iraq (The Kurdish Cycle). 1p. Abstract of Alternative Presentation. In MENA 2009 Oil and Gas Conference (The 7th Middle East and North Africa Oil and Gas Conference: Aspects of the New Exploration and Production Cycles of MENA, Target Exploration, 28 & 29 September 2009, Imperial College, London, 122 p. and PDF CD. [MENA 2009G](#)

87. Ibrahim, MW (2010A). Paleozoic Volcanic Reservoirs of Libya: A Case Study of the Cambro-Ordovician Hofra (Gargaf) Facies of Sirte Reservoir, Tagrifit (Ora) Oil Field. Poster Presentation, Geo2010, 7-10 March 2010, Bahrain, Abstracts, GeoArabia. Vol.16, Part IV P.163-164. [IBRAHIM 2010A](#)
88. Ibrahim, MW et. al. (2010B). Performance Analysis of Automated Technical Review Portal in an Oil Company Environment. Poster, Geo2010, 7-10 March 2010, Bahrain (Conference CD). [IBRAHIM 2010B](#).
89. Ibrahim, MW (2010C). Prospective Anomalies Offshore North-eastern Arabia, Abstract and PowerPoint Presentation. In MENA 2010 Oil and Gas Conference (The 8th Middle East and North Africa Oil and Gas Conference: Offshore MENA the Last Frontier) Target Exploration, 20 & 21 September 2010, Imperial College, London, 93p. and PDF CD. [MENA 2010C](#)
90. Ibrahim, MW (2010D). Hydrocarbon Prospectivity of Offshore Iraq, Abstract of Alternative PowerPoint Presentation. In MENA 2010 Oil and Gas Conference (The 8th Middle East and North Africa Oil and Gas Conference: Offshore MENA the Last Frontier) Target Exploration, 20 & 21 September 2010, Imperial College, London, 93p. and PDF CD. [MENA 2010D](#)
91. Pierce, W H, E Rutherford Jr. and MW Ibrahim (2010E). Construction of Large-scale Exploration Model of Northern Iraq from Diverse Regional Databases. In IPC10 (The 3rd Iraqi Petroleum Conference: Iraqi Oil and Gas Post 2003 Exploration and Production) Target Exploration, 22 & 23 September 2010, Imperial College, London, 98p. and PDF CD. [IPC 2010E](#)
92. Ibrahim, MW (2010F) Hydrocarbon Plays of Onshore Iraq. Abstract of Alternative PowerPoint Presentation. In IPC10 (The 3rd Iraqi Petroleum Conference: Iraqi Oil and Gas Post 2003 Exploration and Production) Target Exploration, 22 & 23 September 2010, Imperial College, London, 98p. and PDF CD. [IPC 2010F](#)
93. Ibrahim, MW (2010G) Hydrocarbon Prospectivity of Offshore Iraq. Abstract of Alternative PowerPoint Presentation. In IPC10 (The 3rd Iraqi Petroleum Conference: Iraqi Oil and Gas Post 2003 Exploration and Production) Target Exploration, 22 & 23 September 2010, Imperial College, London, 98p. and PDF CD. [IPC 2010G](#)

94. Ibrahim, MW (2010H) Ranking the Hydrocarbon Prospectivity of the western Desert Blocks, W. Iraq. Abstract of Alternative PowerPoint Presentation. In IPC10 (The 3rd Iraqi Petroleum Conference: Iraqi Oil and Gas Post 2003 Exploration and Production) Target Exploration, 22 & 23 September 2010, Imperial College, London, 98p. and PDF CD. [IPC 2010H](#)
95. Ibrahim, MW and T El-Gezeery (2010I) Oil below Tar Mat/Water Contacts: Ramification of Structural Evolution of Minagish Oolite, Minagish Oil Field, Kuwait. Abstract in Proceedings of Second Workshop on Tar Mats & Heavy Oil (Tar Mats and Heavy Oil: Nuisance or Resources). EAGE, 26-29 September 2010, Gulf Hotel, Manama, Bahrain. [IBRAHIM & GEZEERY 2010I](#)
96. Ibrahim, MW. (2011A) Exploration and Development Implications of the Structural Evolution of Kuwait. Abstract and PowerPoint Presentation in MENA 2011 Oil and Gas Conference (The 9th Middle East and North Africa Oil and Gas Conference: Undeveloped Oil and Gas Discoveries of the Middle East and North Africa). Target Exploration, 19 & 20 September 2011, Imperial College, London, 149p and PDF CD. [MENA 2011A](#)
97. Ibrahim, MW. (2011B) Mud Gas Logs and Mud Gas Ratios of Fractured Reservoirs of North Iraq. PowerPoint Presentation in MENA 2011 Oil and Gas Conference (The 9th Middle East and North Africa Oil and Gas Conference: Undeveloped Oil and Gas Discoveries of the Middle East and North Africa). Target Exploration, 19 & 20 September 2011, Imperial College, London, 149p and PDF CD. [MENA 2011B](#)
98. Ibrahim, MW. (2011C) Frequency and Predictability of Dust Storms over Iraq and the Gulf Area, PowerPoint Presentation in International Conference on Iraqi Oil Studies, Baghdad University, College of Science, 20-23 December 2011. [MENA 2011C](#)
99. Ibrahim, MW. (2012A) Long-Term Predictability and Impact of Dust Storms on E&P in Iraq and Gulf Countries Abstract 2p. In Iraq-In Preparation for the 5th Bid Round- Exploration, Fields Development and Operation Challenges, IPC 2012, the 4th Iraqi Petroleum Conference, 13-14 September 2012, Organised by Target Exploration, Imperial College, London, UK. 80 P. and PDF CD. [IPC 2012A](#)
100. Ibrahim, MW. (2012B). Exploration Ramifications of the Regional Geothermal Gradient of Iraq, (Abstract) 2p. In Iraq-In Preparation for the 5th Bid Round- Exploration, Fields Development and Operation Challenges, IPC 2012, the 4th Iraqi

Petroleum Conference, 13-14 September 2012, Organised by Target Exploration, Imperial College, London, UK. 80 P. and PDF CD. [IPC 2012B](#)

101. Ibrahim, MW. (2012C) Paleozoic Volcanic reservoirs of Libya: A Case Study of the Cambro-Ordovician Hofra (Gargaf) Facies of Sirte Group Reservoirs, Tagrifit (Al Ora) Oil Field. In Geology of Southern Libya, Vol. 2, pp.153-174.
102. Ibrahim, MW. (2014A) Understanding Frequency and Impact of Dangerous Dust Storms on E&P Operations in Arabian Gulf Countries. Abstract and PowerPoint Presentation to the 2nd Solar Oil Fields Conference, 30 Nov-1Dec. 2014, Organised by IQPC, Shangre-La Barr Al Jissa Hotel, Muscat, Oman.70 SPPP.
103. Ibrahim, MW. (2014B) Risks vs. Rewards of Small Exploration, Development and Production Operations in Arabian (MENA) Countries. Abstract and PowerPoint Presentation to the Geological Society of Oman. 2 December 2014, PDO Exhibition and Conference Centre, Muscat, Oman. 56 SPPP.
104. Ibrahim, MW. (2015A) Understanding Frequency and Impact of Sand and Dust Storms (SDS) in Crisis and Risk Management Programs of Arabian Gulf Oil & Gas Operations. [Abstract and PowerPoint Presentation] presented to the 3rd Annual Crisis & Risk Management Summit 2015. 1-2 June 2015, Organised by IQPC, Hilton Kuwait Resort, Kuwait, 59 SPPP.
105. Ibrahim, MW. (2015B) New-ventures Risk Assessment of Undeveloped and Bypassed Conventional Petroleum in MENA Countries. 3p. Abstract, in MENA 2015 Oil and Gas Conference (Oman: An Analogue for Future Oil and Gas of MENA); in the 10th Middle East and North Africa Oil and Gas Conference, 9-10 September 2015, Organised by Target Exploration at the Imperial College, London, UK., 70P and PDF CD. [MENA 2015B](#)
106. Ibrahim, MW. (2015C) Frequency and Impact of Sand and Dust storms (SDS) on Arabian Gulf Oil & Gas Operations. 1p Abstract in MENA 2015 Oil and Gas Conference (Oman: An Analogue for Future Oil and Gas of MENA), in the 10th Middle East and North Africa Oil and Gas Conference, 9-10 September 2015, organised by Target Exploration at the Imperial College, London, UK., 70P and PDF CD. [MENA 2015C](#)
107. Ibrahim, MW. (2015D) Frequency and Impact of Sand and Dust storms (SDS) on Kuwait and Arabian Gulf Oil & Gas Operations. 50 SPPP to Aware Diwaniyah, 29 September 2015, Aware Centre, Surra, Kuwait.

108. Ibrahim, MW. (2016A) Obituary: Mazin Mustafa 1946-2013 Missing Presumed Murdered, Petroleum Exploration Society of Great Britain, January & February Newsletter 2016, Page 71.
109. Ibrahim, MW. (2016B) New-ventures Risk Assessment of Bypassed and Undeveloped Petroleum in MENA Countries, 1 Page Abstracts, Geo2016 Conference and Exhibition, Manama, Bahrain, Conference Flash Memory. [IBRAHIM 2016B](#).
110. Ibrahim, MW. (2016C) Geological Hazards of Natural Gas Seepages in Kuwait, 1 Page Abstract. 4th Annual Crisis and Risk Management Conference. Organised by IQPC, 29 May-1 June 2016, The Millennium Hotel, Kuwait City, Kuwait. 38 SPPP.
111. Ibrahim, MW. (2016D) Current new-ventures risk assessments of undeveloped and bypassed conventional petroleum in MENA countries (Poster). 2P Abstract in PETEX 2016. 15-17 November 2016, organised by the PESGB at ExCeL, London. [IBRAHIM 2016D](#)
112. Ibrahim, MW. (2017A) Geological Review of Gas Seepages at Ahmadi, Kuwait. 2P. Abstract. 2nd Kuwait International HSE Conference and Exhibition, 15-16 Feb. 2017, Regency Hotel, Kuwait. Kuwait Petroleum Corp.
113. Ibrahim, MW. (2017B) Using geothermal gradient anomalies of hydrocarbon entrapment in rejuvenating mature basins and identifying missed and bypassed traps, 1P Abstract, Geothermal Cross Over Technology Workshop. Organised by AAPG Europe Section, Collingwood College; Durham University, UK. 25th - 26th April 2017. [IBRAHM 2017B](#)
114. Ibrahim, MW. and G. Reeh (2017C) Geothermal gradient anomalies of hydrocarbon entrapment of central Sirte Basin, Libya: a mature basin rejuvenation technique, Pp.152-153 extended abstract, Abstracts volume, 16th African conference, organised by the PESGB at Business Design Centre, London, UK. 31 August-1 September 2017. 172p. [IBRAHIM 2017C](#)
115. Reeh, G., T. Reston, T. Aifa and M. Ibrahim. (2017D) Periclinal folding, faulting, relation to shearing: Sabratah Basin west offshore Libya, Extended abstract , Abstract volume, 16th African conference, organised by the PESGB at Business Design Centre, London, UK. 31 August-1 September 2017. 172p. [REEH,ETAL.2017D](#)

116. Ibrahim, MW. (2017E) Geological perspectives of global climatic and sea level changes. Abstract and [ppp] in MENA 2017 Oil and Gas Conference (Energy Crossovers of MENA), the 11th Middle East and North Africa Oil and Gas Conference, 18-19 September 2017, organised by Target Exploration at the Imperial College, London, UK., 50P and PDF CD. [MENA 2017E](#)
117. Ibrahim, MW. (2017F) Offshore Iraq: Petroleum systems and exploration plays of a frontier area in the Arabian Gulf. Abstract and [ppp] in MENA 2017 Oil and Gas Conference (Energy Crossovers of MENA), the 11th Middle East and North Africa Oil and Gas Conference, 18-19 September 2017, organised by Target Exploration at the Imperial College, London, UK., 50P and PDF CD. [MENA 2017F](#)
118. Ibrahim, MW. (2017G) Application of compensated geothermal gradients (CGG-ESTI[®]) method in mature basins rejuvenation and prospects generation. Abstract and [ppp] in MENA 2017 Oil and Gas Conference (Energy Crossovers of MENA), the 11th Middle East and North Africa Oil and Gas Conference, 18-19 September 2017, organised by Target Exploration at the Imperial College, London, UK., 50P and PDF CD. [MENA 2017G](#)
119. Ibrahim, MW. (2017H) Geological review of hydrocarbon seepages in Ahmadi, Kuwait. Abstract and [ppp] in MENA 2017 Oil and Gas Conference (Energy Crossovers of MENA), the 11th Middle East and North Africa Oil and Gas Conference, 18-19 September 2017, organised by Target Exploration at the Imperial College, London, UK., 50P and PDF CD. [MENA 2017H](#)
120. Ibrahim, MW. (2017I) Global climatic and sea level changes: IRAQ as an example. Abstract of standby paper in MENA 2017 Oil and Gas Conference (Energy Crossovers of MENA), the 11th Middle East and North Africa Oil and Gas Conference, 18-19 September 2017, organised by Target Exploration at the Imperial College, London, UK., 50P and PDF CD. [MENA 2017I](#)
121. Ibrahim, MW. (2017J) Global climate and sea level changes: USA as an example. Abstract of standby paper in MENA 2017 Oil and Gas Conference (Energy Crossovers of MENA), the 11th Middle East and North Africa Oil and Gas Conference, 18-19 September 2017, organised by Target Exploration at the Imperial College, London, UK., 50P and PDF CD. [MENA 2017J](#)
122. Ibrahim, MW. (2017K) Impact of sand and dust storms on the feasibility, efficiency and sustainability of solar energy projects in MENA: the Kuwait case. Abstract of standby paper in MENA 2017 Oil and Gas Conference (Energy Crossovers of

- MENA), the 11th Middle East and North Africa Oil and Gas Conference, 18-19 September 2017, organised by Target Exploration at the Imperial College, London, UK., 50P and PDF CD. [MENA 2017K](#)
123. Christoffersen, Trond; Katerina Krylova, Howard Davies, Muhammad W. Ibrahim (2018A) Re-imaging extensive regional offshore seismic survey and database is stimulating a new offshore exploration cycle in the Middle Eastern Gulf countries. [Abstract], New Advances In Quantitative Seismic Reservoir Characterization, SEG/DGS Workshop, 4-5 March 2018, Manama, Bahrain. [IBRAHIM 2018A](#)
124. Ibrahim, MW and B. Al-Kubaisi (2018B) Geothermal gradient anomalies of hydrocarbon entrapment at Southern North Sea basin, UKCS: a mature basin rejuvenation technique. Extended Abstract. Geo 2018 Conference and Exhibition, 5-8 March 2018, organised by AAPG ME Section, Manama, Bahrain. [IBRAHIM 2018B](#)
125. Ibrahim, MW and G. Reeh (2018C) Geothermal gradient anomalies of hydrocarbon entrapment at central Sirte basin, Libya: a mature basin rejuvenation technique. Extended Abstract. Geo 2018 Conference and Exhibition, 5-8 March 2018, organised by AAPG ME Section, Manama, Bahrain. [IBRAHIM 2018C](#) ([PPTX](#))
126. Ibrahim, MW (2018D). Dr. Munim M Al-Rawi, Ph.D. (Obituary), Petroleum Exploration Society of Great Britain, December 2018 Magazine, P. 31. [IBRAHIM 2018D](#)
127. Ibrahim, MW. (2019A) Geologic, Seismic, Climatic and Oil Production Controls on Hydrocarbon Seepages at Al-Ahmadi Town, South-eastern Kuwait. [Extended Abstract], AAPG Hedberg Research Conference, Hydrocarbon Microseepage: Recent Advances, New Applications, and Remaining Challenges, 18-20 June 2019, Houston, Texas. USA. [IBRAHIM 2019A](#)
128. Ibrahim, MW. (2019B) Petroleum Systems, Exploration Plays and Typical Fields of Offshore Kuwait. Abstract and [ppp] in MENA 2019 Oil and Gas Conference (The Gulf), the 12th Middle East and North Africa Oil and Gas Conference, 18-19 Sep. 2019, organised by Target Exploration at the Imperial College, London, UK., 54P. and PDF CD. [MENA 2019B](#)

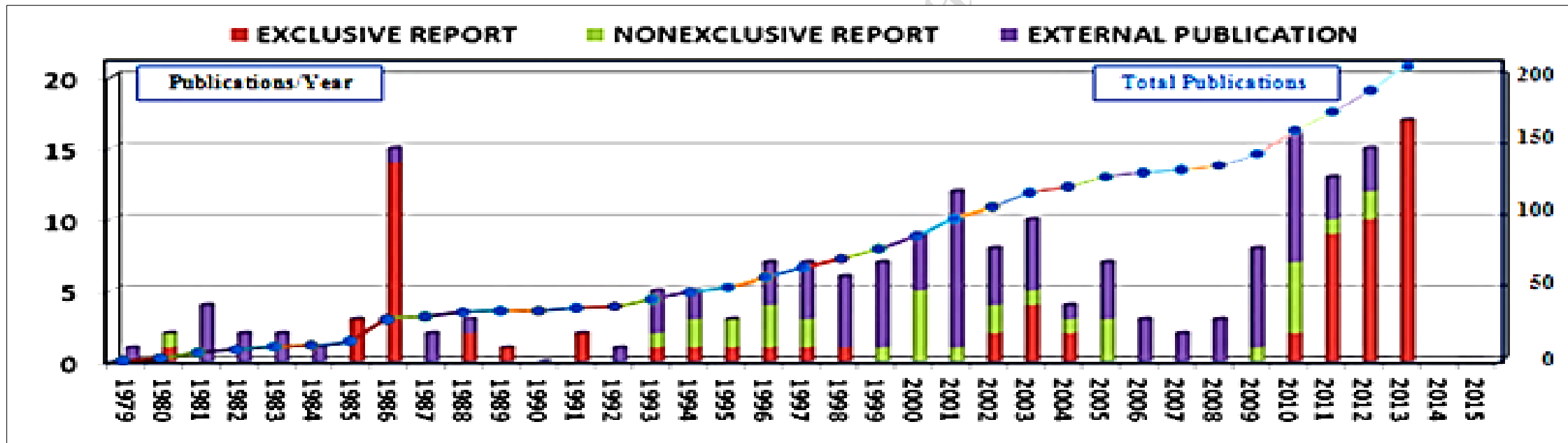
129. Ibrahim, MW. (2019C) Petroleum Systems and Exploration Plays of Offshore Iraq. Abstract and [ppp] in MENA 2019 Oil and Gas Conference (The Gulf), the 12th Middle East and North Africa Oil and Gas Conference, 18-19 Sep. 2019,organised by Target Exploration at the Imperial College, London, UK., 54P and PDF CD. [MENA 2019C](#)
130. Ibrahim, MW. (2019D) Petroleum Exploration, Development and Production Implications of Structural Evolution of On-and Off-shore Kuwait. Abstract and [ppp] in MENA 2019 Oil and Gas Conference (The Gulf), the 12th Middle East and North Africa Oil and Gas Conference, 18-19 Sep. 2019,organised by Target Exploration at the Imperial College, London, UK., 54P and PDF CD. [MENA 2019D](#)
131. Ibrahim, MW, G. Reeh and B. Al Kubaisi (2019E) Contribution of Volcanics to Hydrocarbon Production of Fractured Reservoirs of Libya: A Review. Poster Abstract, p.122, in Abstract Volume of Africa E&P Conference, Organised by the PESGB at the Kensington Olympia, London, UK. 1-2 October 2019, 176p. [IBRAHIM 2019E](#)
132. Ibrahim, MW. (2019F) Geologic, Seismic, Climatic and Oil Production Controls on Hydrocarbon Seepages at Al-Ahmadi Town, South-Eastern Kuwait. SPE Extended Abstract No. 198151, Kuwait Oil & Gas Show and Conference, 13-16 October 2019, organised by SPE at Kuwait International Fair, Mishrif, Kuwait. [IBRAHIM 2019F](#)
133. Ibrahim, MW and T. Christoffersen (2019G) Petroleum Systems and Exploration Plays of Offshore Kuwait. SPE Paper No. 198081, Kuwait Oil & Gas Show and Conference, 13-16 October 2019, organised by SPE at Kuwait International Fair, Mishrif, Kuwait. 11p. [Ibrahim & Christoffersen 2019G](#)
134. Ibrahim, MW. (2020) Regional Upside Potentials of Aramco's New (2020) Paleozoic Oil, Gas and Condensates Discoveries in Northern Arabia, Petroleum Exploration Society of Great Britain, December 2020 PESGB Magazine, pp. 25-26. [IBRAHIM 2020](#)
135. Ibrahim, MW and L. Dumont (2021A) New: Middle East Special Interest Group, June 2021 PESGB Mag. p.12. [IBRAHIM 2021A](#)
136. Ibrahim, MW and MH Al-Azzawi, (2021B) Obituary: Adnan Samarrai (1934-2021). AAPG Bulletin V.105, No.10 (October 2021), pp.2125-2126. [IBRAHIM 2021B](#)


137. Ibrahim, MW and B. Al-Kubaisi (2021C) Ramifications of Saudi Aramco's new Lower Palaeozoic discoveries on the prospectivity of Lower Palaeozoic play fairways of Iraq, Jordan and Syria. [Extended Abstract]. The 2nd Conference of Iraqi Deserts, organised by the Geology Department of Al-Anbar University, Al-Anbar, Iraq.13-15 October 2021, Abstracts Book, 232p. pp.164-168. [IBRAHIM 2021C](#)
138. Ibrahim, MW. (2022B) Geological perspective of global climatic and sea level changes, Abstract and [ppp] in MENA 2022 Oil and Gas Conference (Arabian Energy Resources For Net Zero World), the 13th Middle East and North Africa Oil and Gas Conference, 20 September 2022,organised by Target Exploration at the Imperial College, London, UK., 82P. and PDF CD. [MENA 2022B](#)
139. Ibrahim, MW. (2022C) Recent global climatic and sea level changes: An update, Abstract and [ppp] in MENA 2022 Oil and Gas Conference (Arabian Energy Resources For Net Zero World), the 13th Middle East and North Africa Oil and Gas Conference, 20 September 2022,organised by Target Exploration at the Imperial College, London, UK., 82P. and PDF CD. [MENA 2022C](#)
140. Ibrahim, MW. (2022D) Disputed Arabian economic borders in E. Mediterranean, Iraq and the Arabian Gulf, Abstract and [ppp] in MENA 2022 Oil and Gas Conference (Arabian Energy Resources For Net Zero World), the 13th Middle East and North Africa Oil and Gas Conference, 20 September 2022,organised by Target Exploration at the Imperial College, London, UK., 82P. and PDF CD. [MENA 2022D](#)
141. Ibrahim, MW. (2022E) New risks for offshore Arabian energy operations: The Suez Canal Ever-given case, Abstract and [ppp] in MENA 2022 Oil and Gas Conference (Arabian Energy Resources For Net Zero World), the 13th Middle East and North Africa Oil and Gas Conference, 20 September 2022,organised by Target Exploration at the Imperial College, London, UK., 82P. and PDF CD. [MENA 2022E](#)
142. Ibrahim, MW. (2023A) The Abridgment of Iraq's Last (2018) and Current (2023) Licensing Bid Rounds, -Middle East Special Interest Group News. June 2023 e-bulletin of the GES-GB, 3P. [IBRAHIM 2023A](#)

143. Ibrahim, MW. (2023B) **Iraq's First Gas Licensing Bid Round**. GESGB Magazine, October 2023, Issue 2023/03, PP. 25-28. [IBRAHIM 2023B](#)
144. Ibrahim, MW. (2024A) **Drop or Develop Arabian Supergiant Oil Fields in the Crossover to Net Zero? The Case of Iraq**. GESGB Magazine, January 2024, Issue 2024/01, Web Version, PP.31-34. [IBRAHIM 2024A](#)

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