



Dr. Hassan Salem Hassan, Carbonate Exploration Geosciences Consultant, received his PhD. in Geology from the University of South Carolina in 2010 on his thesis “Hydrocarbon Potential of NE Libya: Reservoir and Source Rock Evaluations”, his MSc in Geology from Acadia University (Nova Scotia, Canada) in 2000 and his BSc in Geology from the University of Garyounis (Benghazi, Libya) in 1993. Hassan worked as Assistant Professor lecturing on Sedimentary Petrology, Petroleum Geology and Geological Field Methods at the University of Garyounis, Benghazi, Libya from 2000 before accepting a PhD scholarship and travelling to the USA in 2006. Dr. Hassan joined BP’s exploration team, London in 2010 until 2017 as Carbonate Exploration Geologist where he worked on several projects, including:

1. Mapping gross depositional environments (GDE) for the E-M Eocene of the northern margin of Tunisia, Libya, and Egypt.
2. Modelling rudist-bearing carbonates along the Mediterranean by using Middle East analogues (Fateh and Al Khalij fields).
3. Identified specific criteria for recognizing carbonate build-ups on 3D seismic data including cretaceous rudist and eastern Mediterranean Tertiary Coral-algal reefs.
4. Integrating carbonate depositional facies, stable isotopes, and biostratigraphy to understand the depositional setting and water chemistry of the South Atlantic Margin.
5. As the main Carbonate Geologist in the offshore West Africa Angola exploration team, made significant contributions to the exploration and operation of two well discoveries by identifying “Microbialite” occurrence pre-salt offshore West Africa.

Dr Hassan involved in several projects such as: Geochemical, geological modelling and oil-quality distribution in the Campos Basin, offshore Brazil by using 1-D and Trinity modelling (project included evaluation of source rock maturation, trap timing and biodegradation).

He has also authored a special study: "Paleocurrent Analysis of Oolitic Limestone facies, Upper Miocene, NE Libya" for the Petroleum Exploration Society of Libya.