TECHNICAL EDUCATION ACADEMY

Farid Abou Shadi

Instructor

A highly experienced geologist and geophysicist with more than 35 years of expertise in oil and gas exploration, including 20 years with international oil and gas companies. Brings deep technical knowledge in structural geology, petroleum geology, sequence stratigraphy, regional interpretation, and exploration and development studies across a wide range of geological settings.

Recognized as a specialist in the structural geology of Egypt, including the Gulf of Suez, Red Sea, Nile Delta, and Western Desert, as well as the broader Mediterranean, North Africa, and Northern Arabia. Regional experience extends to Libya, Tunisia, Syria, Gaza Offshore, Israel, and Lebanon. Has developed a strong reputation for regional geological interpretation and subsurface evaluation in both mature and frontier basins.

Possesses comprehensive geological and geophysical expertise, including the preparation of drillable prospects and well locations, drilling support, and the design of logging and testing programs. Has extensive experience in 2D and 3D seismic interpretation and regional mapping across areas such as the Nile Delta, offshore Lebanon, the Gulf of Suez, and the Sirte Basin in Libya. Technical capabilities also include sedimentology, development geology, petroleum systems evaluation, and integrated subsurface interpretation.

Has contributed significantly to the scientific and technical community through more than 17 publications in structural geology, sequence stratigraphy, and petroleum geology, presented through EGPC seminars, Cairo University events, MOC, GEO Arabia, SEG, and AAPG conferences. Was awarded Best Paper at MOC in 2014.

In the area of development opportunity assessment, has supported field development planning through the validation of existing interpretations and play concepts, as well as the generation of new geological models and subsurface interpretations. This work has included the preparation of depositional environment models, type logs, structure maps, isopach maps, cross-sections, qualitative interpretation of well logs, mud logs, and core data, as well as annotated bubble maps. Also has experience in reserve estimation and the application of static and dynamic models for field studies, including work related to development blocks in Egypt.

In addition to technical subsurface expertise, possesses a strong understanding of the commercial and strategic aspects of exploration and development, including economic evaluation and risk assessment for upstream acreage and field development opportunities.

Combines regional geological expertise, strong geophysical interpretation skills, publication record, and broad industry experience, making him a valuable contributor to exploration, appraisal, and field development projects in the oil and gas sector.