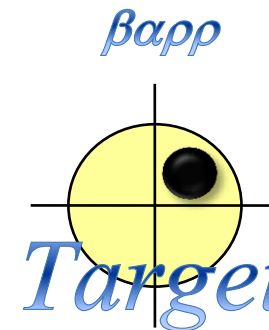# Target Exploration

Energy Geosciences Research & Development

Ms. Irfana Tallat, *MSc*. **ArcGIS, Geo-modelling and Data Management Consultant**, has MSc in Professional Computing from Staffordshire University and BSc (Hons) in Geosciences from The British Open University (2005). She has more than 10 years' experience in first pass interpretation support, data management and project management, with hands-on experience in using standard oil industry software such as: Kingdom, Petrel; ArcGIS and OpendTect. Ms. Tallat worked as 3D Modeller at the British Geological Survey, as Geoscience Technical Assistant for JX Nippon E&P (U.K.) Limited, Exprodat Consulting Limited, Oil Plus Limited, and for Maersk Oil & Gas where she was in charge of ArcGIS data management on shared drives for the 27th licensing round, a task that involved digitising and mapping of spatial data.

Irfana is an experienced well to seismic tie QC, 2D/3D Geo-modeller of oilfield reservoirs, time slices and coherency maps generator as well as data management - loading and QC of seismic, well header/log, culture and interpretation, import and export of data between applications such as Kingdom, Petrel, ArcGIS and ODM.

Working as Geo-environmental Consultant for STM Environmental Limited (London, UK) she used her software skills in mapping and geo-modelling the geology of floodplain and development of 3D cross sections of the models using contour maps and borehole data.

Ms Tallat is one the rare experts in 2D and 3D geo-modelling of H2S reservoir souring prediction of various types of oilfields. She is skilled in the production of technical reports for clients with recommendations and supporting evidence, she is a Fellow of the Geological Society of London and an Active Member of the PESGB.