

An introduction to ArcGIS* for the petroleum industry

Intended audience

Petroleum industry geoscientists who need to use ArcGIS to display and interpret spatial data. The course has the flexibility to be adapted to the experience of the attendees. Thus it can be tailored to the needs of professional geoscientists, as well as professionals in other disciplines or support staff, as required. No previous knowledge of ArcGIS software is assumed.

Course objectives

- To introduce the principles of GIS and ArcGIS Desktop software.
- To ensure users fully appreciate the capabilities of ArcGIS Desktop and how the software may help them carry out their own work, particularly with regard to manipulating petroleum/offshore data within a GIS.

Course description

This course provides a comprehensive grounding in the principles and use of ArcGIS desktop software. The course is delivered via a series of instructor-led lectures and exercises. The emphasis is upon developing confidence in ArcGIS functionality. All exercises will utilise BGS offshore geological and geophysical datasets or datasets provided by the customer.

*ArcGIS is a geographic information system software suite produced by Esri. ArcGIS applications can include:

- **ArcReader** which allows the user to view and query maps created with Arc products.
- **ArcView** which allows the user to view spatial data, create layered maps, and perform basic spatial analysis.
- **ArcEditor** which in addition to the functionality of ArcView, includes more advanced tools for manipulation of shapefiles and geodatabases.
- **ArcInfo** which includes capabilities for data manipulation, editing, and analysis.

Course duration

3 days

Delivery mode

Classroom-based course

Course fee

£850

Course fee based on delivery at BGS's training centres

Date(s)

As required

Location

The course is available at BGS's Nottingham (Keyworth) or Edinburgh training centres, or at customer premises worldwide, by arrangement