

## GIS Spatial Processing

### *Intermediate Level*

#### *Course Overview*

The intermediate level of Petris GIS training program is intended to provide knowledge by guiding participants through hands-on experiences in the use of the GIS for geoprocessing, and for developing a good understanding of projections and georeferencing. Both classroom lectures and laboratory exercises will be used along with industry data sets to provide a working knowledge of the technology as well as its uses for asset management in the oil and gas industry.

#### *Prerequisites*

Basic level of GIS PETRIS training

#### *Objectives*

The course provides an intermediate level of the use of ESRI GIS software ArcGIS. The course focuses on the way how GIS manage projections and georeferencing and specially ArcGIS. The course shows use case scenarios and applications of geoprocessing on data for day-to-day operations.

After completing the course, students will understand:

- ▶ Understanding projections
- ▶ Setting up and/or changing projections
- ▶ Making georeferencing
- ▶ Using geoprocessing to answer to specific issues in oil and gas industry

#### *Course Format*

- ▶ All training is conducted in ArcMap 9.x
- ▶ Course notes, lecture materials, and training exercises are provided
- ▶ The course consists of both lecture and hands-on exercises
- ▶ The course is conducted by one or two Petris instructors

#### *Duration*

The course will be conducted over a 3 day period at the Petris training facilities in Houston, TX, London, UK or Toulouse, FR.

For more information, email [training@petris.com](mailto:training@petris.com).