ArcGIS® Pro Introduction

Duration : 2 days

Course Overview

Through a combination of tutor led teaching and hands-on exercises the course aims to give users confidence to use the power of the latest version of ArcGIS Pro to present, manipulate and analyse information geographically, in order to be able to make more informed decisions, share information effectively ... and produce great looking maps!

Course Prerequisites

Delegates must be confident in the use of the Windows operating system functions such as copying, deleting & moving files, navigating to a file or folder, use of Mouse and Keyboard.

Software

The course is based on the ArcGIS Pro "Basic" licence without extensions.

Course Content

Introduction to GIS
Introduction to GIS
Basic GIS concepts
Coordinate systems
Data types and possible sources
Introduction to arcgis
The arcgis Pro environment

Getting Your Bearings
Getting started with arcgis Pro
Toolbars, ribbons and panes
Contents pane
Catalog pane
Navigating the map
Adding data to the map
Layouts
Table of attributes
Saving your work

Interacting with the Map
Map tools
Measure tools
Snapping control
Bookmarks
Basic selecting features
Selection options
Selection functions

Working with Map Layers
Types of layer
Setting scale dependency
Data sources and repair of broken links
Setting basic symbology
Symbology with categories/quantities
Classification methods
Saving and importing symbology

Adding labels and text to the map
Layouts
Add a layout to your project
Navigating the layout
Adding layout elements
Working with multiple map frames
Extent indicators
Layout templates
Exporting/sharing your layout

Selections and Queries
Selecting features by attributes
Building an expression
Selection features by location
Working with selections
Definition query
Creating buffers

Mapping Existing Data
Creating points from x,y values
Using microsoft excel data
Joining data using common attribute
Setting up spatial join
Postcode geocoding/address locators

Creating and Editing Data
Getting started with editing
Creating new datasets (shapefile or gdb)
Feature class design
Constructing new features
Using tracing
Using snapping
Modifying existing features
Adding and modifying attributes
Field calculator
Saving edits