**esri UK**

## Training the GIS Professional

# ArcGIS Pro: Working with 3D Analyst Extension - 2 days

## Overview

ArcGIS Pro, ArcGIS 3D Analyst supports a complete solution for 3D GIS. This course teaches fundamental concepts of 3D GIS as you learn how to visualise, edit, model, and analyse GIS data within a 3D context.

## Who should attend

- GIS Analysts
- Planning Professionals
- Geospatial Intelligence Analysts
- GIS Users

## Goals

- Visualise GIS data in 2D and 3D globes and local perspectives.
- Edit and maintain 3D vector data in a 3D environment.
- Create and import 3D data.
- Perform 3D analyses including viewshed, visibility, volumetric, and terrain analyses using vector and raster data.
- Visualise temporal data in 3D by enabling time and creating 3D animations.

## Topics Covered

- Using 3D GIS: Considerations for incorporating 3D into GIS workflows, Navigating Data in 2D and 3D simultaneously, Viewing a project from multiple perspectives.

- Working with 3D data: Understanding z-values and z-aware features, Rasters, datasets, Creating an elevation raster from a digital elevation model (DEM), Interpolating a surface, 3D features.

- Visualising GIS data in 3D: Functional surface types, Suitability models, Determining optimal aspect, slope, and elevation, Performing suitability analysis, Creating skylines and skyline barriers to perform visibility analysis.

- Solving problems with 3D GIS: 3D Virtual City workflow, Coastal flood inundation.

## Prerequisites

This course is aimed at those who have prior ArcGIS Pro experience who have attended ANY of the following courses:

An Introduction to ArcGIS Pro for GIS Professionals
Migrating from ArcMap to ArcGIS Pro
An Introduction to ArcGIS Pro for GIS Newcomers

Or have equivalent working knowledge.

## Contact Us

For GIS training enquiries and bookings visit esriuk.com/learning or email us learning@esriuk.com or call us on 01296 745504