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Training the GIS Professional
ArcGIS Pro: Working with 3D Analyst
- 2 Days

Overview
ArcPro, 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.

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, Creating 3D features

- Visualising GIS data in 3D: Using 3D symbols, Visualising temporal data in 3D, Creating animations

- Analysing data using 3D tools: 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

Who should attend
- GIS analysts
- Planning professionals
- Geospatial intelligence analysts,
- GIS users who want to create, manage, analyse, and share 3D data.

Goals
On completion of the course you will be able to:

- Visualise GIS data in 2D and 3D globes and local perspectives.
- Create and import 3D data.
- Edit and maintain 3D vector data in a 3D environment.
- 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.

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

- An Introduction to ArcGIS Pro for GIS Newcomers
- An Introduction to ArcGIS Pro with GIS Professionals

Or have equivalent workinig knowledge.

Software
This course uses the 3D Analyst Extension for ArcGIS Pro

Contact Us
For GIS training enquiries and bookings visit esriuk.com/training-pages, email us at training@esriuk.com or call us on 01296 745504