esri UK
THE SCIENCE OF WHERE™

Training the GIS Professional

Mapping & Visualising Data in ArcGIS

- 2 days

Overview

Create high-impact maps and information products.

Learn cartographic techniques and ArcGIS Pro and ArcGIS Online workflows to create and share a variety of professional-quality information products, including print maps, web maps, 3D scenes, animations, and charts.

Who should attend

- GIS Users
- Map Designers
- GIS Analysts

Goals

- Prepare data for a mapping project.

- Apply symbology and labeling techniques to enhance data visualisation on maps and charts.

- Design print map layouts that are appropriate for your data, audience, and purpose and web maps for use in web-based information products.

- Create and share 3D scenes and animations that enable dynamic visualization of data and change over time.

Prerequisites

Completion of Introduction to ArcGIS Pro for GIS Newcomers or Introduction to ArcGIS Pro for GIS Professionals or equivalent working knowledge.

Contact Us

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

Topics Covered

- ArcGIS Information Products. Using the ArcGIS system to create visualisations, Understanding design considerations. Sharing content using ArcGIS, Types of ArcGIS information products, Discover information products, Choosing an information product, Creating information products

- Preparing data. Data in visualisations, How coordinate systems affect visualisations, Scale and resolution, ArcGIS Pro basics, Investigate scale and resolution in visualisations, Preparing attributes

- Applying symbology. Visualising data using symbology, Applying visual variables, Evaluate symbology, Creating accessible,Symbology, Symbolizing layers, Configuring symbology by attribute values, Scale-based symbology

- Configuring advanced symbology. Visual hierarchy, valuate visual hierarchy, Applying visual effects, Clustering data points, Managing symbology using styles and layer files, Styles and layer files

- Creating map text. Understanding map text, Evaluating map text, Type basics, Interpreting data using labels, Using Arcade to configure map text, Customising map text using label classes, Creating map text, Configuring pop-ups Creating map text

- Publishing map layouts. Visualizing data in a map layout, Evaluating map layouts, Pattern of reading, Creating a map layout Map series, Using dynamic text

- Publishing web maps. Designing web maps, Web map design considerations

- Creating charts. Why use charts? Using charts in ArcGIS, Creating charts in ArcGIS

- Creating 3D visualizations. Using 3D scenes to visualize data, Creating 3D scenes, Displaying data in 3D

- Creating animations. Animation types, Animation components, Creating animations.