Training the GIS Professional

Getting Started with LiDAR - 1 Day

Overview

This one day course will provide you with the requirements for working with lidar data within ArcGIS Pro. You will learn how to process the data, perform advanced analysis and learn how to share the data products with the ArcGIS Platform.

The course uses a combination of lectures, demonstrations and exercises which will show you how to access the Environment Agency Digital Surface Model. (DSM) and Digital Terrain Model (DTM) datasets and process it as well as learning how to work with data supplied as Point Cloud data as a LAS Dataset, as well as learning how to share your data and analysis within The Platform.

Topics Covered

The course will provide you with the knowledge to:

- What is Lidar?: What is lidar? Applications of Lidar, The Lidar system, Lidar returns, Lidar formats, tools for processing lidar data.

- Working with Point Clouds: What is a Point Cloud? What is a LAS Dataset? Creating a LAS Dataset, the Optimised LAS format, symbolising LAS Datasets

- LAS Dataset Tools: LAS Dataset ribbon, editing LAS file values, ArcGIS Pro classification tools

- Working with Lidar in the ArcGIS Platform: Lidar in ArcGIS Online, ArcGIS Online surface tools; publishing a local scene containing lidar data, client applications

Goals

- Download, process, perform analysis and use the lidar products within the ArcGIS Platform.

Who should attend
- GIS Analysts
- GIS Users
- Imargery Analysts
- GIS Professionals

Prerequisites

Course attendees should have proficient ArcGIS Pro and ArcGIS Online skills (or equivalent knowledge) which can be gained by attending either the following courses:

If the attendee has no ArcGIS Desktop experience: An Introduction to ArcGIS Pro for GIS Newcomers

If the attendee has strong ArcGIS for Desktop skills: An Introduction to ArcGIS Pro for ArcGIS Professionals

Contact Us

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