

## Training the GIS Professional

# Field Data Collection & Management using ArcGIS - 2 days

Efficiently collect accurate data that supports real-time decision making.

Learn how ArcGIS supports a complete field data management workflow—from the office to the field, in the field, and back to the office. You will learn best practices to configure and deploy ArcGIS field-productivity apps to meet your data-collection needs. You will have the opportunity to use your own iOS or Android device to complete some course exercises.

Please note this course requires delegates to bring either an Android or Apple Smartphone. Windows phones are not supported.

### Who should attend

- Mobile Workers
- Data Editors
- GIS Managers

### Goals

- Create and configure web maps for map-based data collection and surveys for form-based data collection
- Manage multiple geodatabase versions.
- Quickly capture real-time field observations.
- Monitor fieldwork in progress using a dashboard.

### Topics Covered

- ArcGIS field operations introduction: The geoinformation model in ArcGIS; Field activities overview; Explore Esri field operations apps; Decision factors for data capture field apps; Choosing a data capture field app; Which apps support your field activities?
- Preparing for field operations: Controlling access with groups in ArcGIS Online; Content requirements for ArcGIS field apps; Preparing content for field apps; Improving data collection efficiency in field apps.
- ArcGIS Field Maps introduction; ArcGIS Field Maps benefits; Configuration options in ArcGIS Field Maps Designer; The ArcGIS Field Maps Designer interface; The ArcGIS Field Maps mobile app interface; Taking notes and drawing sketches with markup
- Configuring forms for data collection in ArcGIS Field Maps Designer: ArcGIS Field Maps forms; Form configuration options; Identify form elements; Configuring form elements in Field Maps Designer

### Topics Covered Cont.

- Creating data collection forms in ArcGIS Survey123; ArcGIS Survey123 benefits; ArcGIS Survey123 components; ArcGIS Survey123 component functions; Explore the Survey123 website interface
- Updating a feature layer with ArcGIS QuickCapture; ArcGIS QuickCapture benefits; Relevant real-time observations; ArcGIS QuickCapture button creation.
- Organising your field activities with ArcGIS Dashboards; ArcGIS Dashboards benefits; ArcGIS Dashboards elements; Sources of data for ArcGIS Dashboards; Configuration settings for dashboard elements.

### Prerequisites

Attendance of our An Introduction to your ArcGIS Online Subscription course or equivalent working knowledge

### Software Provided

Esri UK & Ireland will provide the following software to use during class:

- ArcGIS Online
- ArcGIS Dashboards
- ArcGIS Field Maps
- ArcGIS QuickCapture
- ArcGIS Survey123

### Contact Us

For GIS training enquiries and bookings visit [esriuk.com/learning](http://esriuk.com/learning), email us at [learning@esriuk.com](mailto:learning@esriuk.com) or call us on 01296 745504