

# Mapping for the community

## The Basics

### What you need

#### Hardware

*Computer*

*Mobile Phone*

*GPS*

#### Software

*QGIS*

*ArcGIS online*

*ESRI*

ArcGIS Story Maps

ArcGIS Open Data

*ArcGIS for Personal Use*

#### Data

### Creating a map on a computer

QGIS

ArcGIS Online

### Using maps on a phone

#### Free Applications

*Avenza Map*

#### Cheap Applications

*Strava*

*Avenza Map for Personal Use*

*ESRI ArcGIS Online*

#### Using Avenza Map

*Free Maps*

## *Downloading maps from a computer*

### *Using a map*

Selecting a map

Locating current location

Entering a waypoint (placemark)

#### *Improving accuracy*

Describing the waypoint (placemark)

#### *Naming*

#### *Description*

#### *Photo*

#### *Attributes*

Recording a tracklog (GPS track)

## *Uploading waypoints and tracklogs to a computer*

Uploading

#### *Send to options*

#### *Email*

#### *Dropbox*

#### *iTunes File Sharing*

#### *Airdrop*

Format options

Downloading waypoints and tracklogs on a computer

Uploading data to QGIS map

## **Using Strava to create tracklogs**

## **Geospatial Analysis**

## **Creating Maps for the Web**

### *ArcGIS Story Maps*

### *QGISCloud*

### *MapBox*