

Applied GIS for Absolute Beginners

Online or in-person (1 day)

Are you new to Geographic Information Systems (GIS), or need to use GIS as part of your job now and are struggling to know what you need to know?

This total beginners 1 day course is designed for people working in the **ecology, environment and conservation sectors** and will show you the fundamentals of using geospatial software in a supportive and non-judgemental environment. Cut through all the jargon and learn the first steps of a new transferable skill.

Learning Outcomes:

▶ Getting Started

- Download & start using QGIS
Introducing GIS concepts
- Key elements of QGIS interface
Customisation, settings & CRS

✍ Creating & Editing Data

- Creating vector data
- Editing data you've received
- Using attribute tables
- Creating basic forms for data collection

✓ Quality Checking

- Checking the topology
- Checking geometries
- Techniques for creating good data

✍ Styling Basics

- Understanding & applying different style types
- Common styling for vector & raster data
- Sharing styles & using style files

📁 Sourcing Data

- Sourcing relevant & accurate data
- Checking validity of data sources

❓ Queries & Research

- Using queries on your data
- Perform calculations, filter data and write expressions to analyse your data
- Using the selection toolbars

📦 Storing Data

- Best practise for storing data
- How to share data
- Saving data in different formats

🖨 Printing Your Maps

- Creating layout templates
- Layout essentials
- Printing & sharing your map

📖 Further Resources

- Terminology cheat sheet
- Further learning resources
- List of open-source data for the UK

Course Pre-requisites

- No prior knowledge of GIS is required but you should be comfortable working with computers and navigating file systems
- A laptop with QGIS installed (instructions will be provided prior to the course)

What You'll Recieve

- Instructor led training*
- Full instructions on installation and set up of QGIS will be provided ahead of the course
- Sample data for you to keep
- Up to 3 hours of email/zoom support post-course**
- 100+ page full colour step by step instructional booklet & learning exercises
- Template for A4 map layout for you to keep
- Certificate of attendance

**Online courses delivered via Zoom or Teams*

***support on course materials only*

How to book your course

Public course dates are regularly published on the website:

maptastic.co.uk/book-online

Private course dates can be arranged for your team at no extra cost, simply use the contact details below to let us know your needs and I'll be in touch to organise your course.

Looking for something else?

Are you looking for specific learning outcomes for your team?

I will work with you to tweak an existing course or create exactly what you need to use QGIS in your workflows and hit the ground running.

Check out the bespoke & tailored courses I've created

maptastic.co.uk/bespoke-and-tailored-courses

